Tutorials: Image FX ■ OctaMED ■ Personal Paint ■ Comms ■ PageStream

November 1995
Only £4.25!

CU

AMIGA MAGAZINE

In Yer Face!

View the world through CD-ROM ...

Our definitive guide to drives and disks tells you all you need to know

AudioMaster vIV

WORTH £60!*

(*Based on USA RRP of $99. Source: Oxxi)

Are you disks missing?
Ask your Newsagent now.

Cinema 4D
The new King of 3D rendering? p70

Mac™ emulation
What's it all about? p77

Final Writer 4
First review p82

GAMES:

- Virtual Karting
- Fears
- Citadel
- Pinball Mania
- Wheelspin
- and more ...

3.5inch DD* issue
(*CD-ROM issue available)

An EMAP Images Publication £4.25

11

9 770963 009044

US$9.50 ■ L16,000 ■ ASCH170 ■ BFR 380

floppy drives

3.5 super xl drive

The Super XL Drive allows you to store 3.5MB on a high density disk.

3.5 SUPER XL DRIVE	**£129.95**

1.76 xl drive

The XL Drive allows you to store a 1.76MB on a high density disk.

1.76 XL DRIVE EXTERNAL	**£79.95**
1.76 XL DRIVE INTERNAL	**£75**
1.76 XL DRIVE A4000	**£75**
PC880B EXT.POWER DRIVE	**£49.95**

internal drives

PC881 A500	**£30.95**
PC882 A2000	**£35.95**
PC883 A600/1200	**£35.95**

hard drives

HEWLETT PACKARD

1 GIGABYTE 3.5 SCSI	**£459**

MICROPOLIS

2 GIGABYTE 3.5 SCSI	**£659**
4 GIGABYTE 3.5 SCSI	**£1099**
9 GIGABYTE 3.5 SCSI	**£2199**

HITACHI

340MB 2.5 IDE	**£189**
510MB 2.5 IDE	**£299**
810MB 2.5 IDE	**£599**
1 GIGABYTE 2.5 IDE	**£719**

OTHERS

80MB 2.5 IDE	**£70**
120MB 2.5 IDE	**£95**

m-tec hd

External IDE hard disk for the A500 comes complete with an internal ROM switcher, and upgradable to 4MB RAM

M-TEC AT500 BARE	**£99**
M-TEC AT500 420MB	**£259**

MEMORY REQUIRES 30-PIN SIMMS

floppy expander

Save 1.5MB on a standard floppy drive and 3MB when used in conjunction with the XL Drive 1.76.

FLOPPY EXPANDER	**£10**

disk expander

Disk Expander can add upto to 50% to your hard drive capacity and works with all drives including SCSI, IDE, Floppies and even the RAM disk. Disk Expander works on any Amiga with any Kickstart.

DISK EXPANDER	**£25**

overdrive hd

External PCMCIA 3.5" IDE hard disk

OVERDRIVE BARE	**£99**
OVERDRIVE 420MB	**£259**

dat drives

2 TO 4 GIGABYTE	**£659**
4 TO 8 GIGABYTE	**£899**
2 TO 4 CARTRIDGE DL90	**£12**
4 TO 8 CARTRIDGE DL120	**£19.95**

optical drives

128 OPTICAL	**£479**
230MB OPTICAL	**£719**
1.3 GIGABYTE OPTICAL	**£1999**
230MB OPTICAL DISK	**£29.95**
1.3 GIGABYTE DISK	**£139.95**

external cases

SCSI case suitable for CD-ROM/HD/DAT and Optical drives.

5.25" SCSI or IDE CASE	**£79.95**
3.5" SCSI or IDE CASE	**£79.95**

zip drive new

ZIP DRIVE 100MB SCSI	**£179.95**
100MB DISKETTE	**£15.95**

ZIP DRIVE REQUIRES SQUIRREL SCSI INTERFACE

video backup 3

Backup to 520MB onto a 4hr VHS tape. Version 3 has new backup modes for Amiga's with a 68020 or higher CPU.

VIDEO BACKUP SCART	**£65**
VIDEO BACKUP PHONO	**£60**
UPGRADE TO VERSION 3	**£20**

hisoft

SQUIRREL SCSI INTERFACE	**£59.95**
AURA	**£79.95**
MEGALOSOUND	**£29.95**
VIDEOMASTER AGA	**£59.95**
VIDEOMASTER AGA RGB	**£99.95**
VIDEOMASTER	**£52.95**
VIDEOMASTER RGB	**£89.95**
COLOURMASTER	**£52.95**
PROMIDI INTERFACE	**£19.95**

squirrel scsi interface included where you see this logo

chips and spares

256 x 32 SIMM 72-PIN (1MB)	**£40**
512 X 32 SIMM 72-PIN (2MB)	**£75**
1 X 32 SIMM (4MB)	**£139**
2 X 32 SIMM (8MB)	**£279**
4 X 32 SIMM (16MB)	**£449**
1 X 8 SIMM 32-PIN (1MB)	**£30**
4 X 8 SIMM 32-PIN (4MB)	**£139**
1 X 4 STATIC COLUMN A3000	**£25**
1 X 4 DIP	**£25**
256 X 4 DIP	**£5**
1 X 1 DIP	**£5**
CIA	**£12**
GARY	**£19**
PAULA	**£19**
DENISE	**£19**
SUPER DENISE	**£25**
KEYBOARD IC	**£12**
FAT AGNUS 1MB	**£19**
FAT AGNUS 2 MB	**£29**
PRINTER CABLE	**£6**
RS232 CABLE	**£6**
SCSI EXTERNAL	**£15**
WORKBENCH 3.1 A500/2000	**£85**
WORKBENCH 3.1 A3000/4000	**£95**
ROM SHARE DEVICE	**£19**
2.04 ROM CHIP	**£25**

power scanner

The award winning Power Scanner includes the following features: Scan in 24-bit at upto 200DPI (all Amigas not just AGA)*, Scan in 256 greyscales at up to 400DPI (all Amigas), Thru'port for printer connection, Fully supports AGA chipset, Display HAM8/24-bit images on a non-AGA Amiga (via image conversion), full editing facilities included. Works with 2.04 ROM or above, min 1MB (recommend 2MB).

POWER SCAN 4 B/W	**£89.95**
POWER SCAN 4 COLOUR	**£169.95**
OCR (BOUGHT WITH SCANNER)	**£20**
OCR SOFTWARE	**£49.95**
POWER SCAN 4 S/W ONLY	**£20**
PC INTERFACE + COL S/W	**£49.95**
PC INTERFACE + B/W S/W	**£39.95**

flatbed scanners

24-bit A4 flatbed scanners, complete with software, cables and manual.*

EPSON GT-8500	**£579.95**
24-BIT, INC. POWERSCAN SOFTWARE	
EPSON GT-9000	**£729.95**
24-BIT, INC. IMAGE FX REV. 1.5 SOFTWARE	
ADPRO SOFTWARE	**£149.95**
IMAGE FX 2.0 S/W	**£149.95**

*EPSON SCANNERS DIFFER FROM ONE SHOWN

amiga 4000

a4000 tower

new

The tower comes complete with 6 x 5.25" drive bays, 5 x 3.5" drive bays, 7 x Zorro slots, 5 x PC slots, real time clock and a 230 watt power supply.

A4000 TOWER	**£349**

octogen scsi-2

SCSI-2 controller card for the Amiga 2000/4000. Upgradable to 8MB RAM.

OCTOGEN 2008	**£129**

aga flicker fixer

ScanDoubler II is a full 24-bit AGA flicker fixer which automatically de-interlaces all AGA screen modes and scan doubles non-interlaced PAL/NTSC modes to allow VGA monitors to display them. Supports VGA, S-VGA and Multiscan monitors. Pixel sharp picture, even at 1440 horizontal resolution and has a standard 15-pin VGA type connector. Comes with composite video/S-VHS outputs.

SCAN DOUBLER II	**£399**

tandem cd-de

Connect a CD-ROM, Syquest and any IDE hd to your A2000/3000/4000. Comes complete with cable and s/w. ROM 2.04 or above.

TANDEM CD-DE	**£69**

…………. award winning amiga peripheral manufacturers …..

GVP

er

r Scanner
ures: Scan
ll Amigas
greyscales
Thru'port
y supports
MB/24-bit
miga (via
g facilities
4 ROM or
d 2MB).

	.£89.95
	£169.95
	....£20
	.£49.95
	...£20
	.£49.95
	.£39.95

nners

s, complete
anual.*

	£579.95
E	
	£729.95
TWARE	
	.£149.95
	.£149.95

ONE SHOWN

fixer

AGA flicker
le-interlaces
can doubles
des to allow
em. Supports
n monitors.
en at 1440
s a standard
Comes with
uts.

....£399

-de

est and any
3000/4000.
le and s/w.

.......£69

gvp products

Power Computing Ltd are now the official joint owner and manufacturer of Great Valley Products Inc. For more information, please call 01234 273000.

a4000 68060

A 68060 accelerator board for the A4000 running at 50MHz and allowing upto 128MB of user installable memory and a SCSI-II hard disk controller. The board can be configured with either 4MB, 8MB, 16MB or 32MB industry standard SIMMs.

A4000 68040 (0MB RAM)	£699
A4000 68060 (0MB RAM)	£829
4MB STANDARD ADD	£139
4MB GVP ADD	£159

a2000 68060

A 68060 accelerator board for the A2000 running at 50MHz and allowing upto 128MB of user installable memory and a SCSI-II hard disk controller.

A2000 68040 (0MB RAM)	£TBA
A2000 68060 (0MB RAM)	£TBA
4MB STANDARD ADD	£139
4MB GVP ADD	£159

gvp ram

Official GVP RAM SIMMs.

4MB GVP RAM	£159
16MB GVP RAM	£549

gvp hc-8 scsi

SCSI hard card which can fit 8MB of RAM on-board.

HC-8 SCSI CARD	£99

gvp g-lock

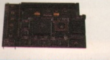
Award winning Amiga Genlock.

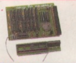
G-LOCK AMIGA GENLOCK	£259
DSS-8 SOUND SAMPLER	£55

io-extender

Zorro II card that provides an additional serial port, parallel port and connection for optional RS422 and RS232 port. Call for details

ioEXTENDER	£59





a500 68020ec

A 68020 EC processor accelerator card for the A500 and A500+, with an option to fit a 68881 or 68882 co-processor (PLCC or PGA). This card can fit upto 4MB FAST RAM and is fully auto-configuring.

NOT COMPATIBLE WITH GVP HARD DRIVE

A500 68020 EC 0MB RAM	£99.95
A500 68020 EC 4MB RAM	£239.95

megachip ram

Increase your Amiga 500/2000 chip RAM to a total of 2MB. MegaChip does this by using its own 2MB RAM and also now includes a 2MB Fat Agnus. No soldering is required.

MEGACHIP RAM	£159.95
VGA ADAPTOR	£15

a500 2mb ram

A 2MB RAM board for the A500 which fits in the trap door slot.

A500 2MB RAM	£90

MEMORY CARDS

512K RAM WITH CLOCK	£24.95
512K RAM WITHOUT CLOCK	£19.95
A600 1MB RAM	£39.95
A500+ 1MB RAM	£29.95

emulation

Mac and PC emulators for the Amiga.

EMPLANT MAC BASIC BASIC MAC EMULATOR	£239.95
EMPLANT MAC OPTION A DUAL SERIAL PORT AND APPLETALK	£279.95
EMPLANT MAC OPTION B HI-SPEED SCSI INTERFACE	£279.95
EMPLANT MAC DELUXE INCLUDES OPTION A AND B	£399.95
E586 DX MODULE PC EMULATOR MODULE	£89.95

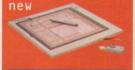
new

glidepoint

Intuitive cursor control at your finger tips replaces the mouse or trackball and 'Tap' for an instant selection.

ALPS GLIDEPOINT	£59.95

new



power tablet

Pen and cursor controlled graphic tablet, including cables and software.

POWER TABLET 12 X 12 INCL. PEN, CURSOR AND POWER TAB S/W	£195.95

modems

ACEEX V32 BIS 14.4 NOT BT APPROVED	£139
X-LINK TRUE V34 28.8 BT APPROVED	£229.95
TRAPFAX MODEM SOFTWARE	£49

ALL MODEMS INCLUDE SOFTWARE AND CABLES

printers/monitor

MICROVITEC 1438 14"	£289
EPSON STYLUS INC.PAPER	£489
EPSON STYLUS PRO XL A3+	£1499

EPSON STYLUS/PRO XL INCLUDE STUDIO II SOFTWARE

STUDIO II SOFTWARE	£49.95

graphic/video

PICASSO II 2MB RAM INCLUDING TV PAINT JNR.	£249.95
PICASSO II 2MB RAM INCLUDING TV PAINT 2	£399.95
CYBERVISION 64 64-BIT GRAPHICS ENGINE, INCLUDES 2MB	£329.95
VIDEO DAC 18-BIT GRAPHICS ADAPTOR	£25
MAXIGEN 3 VIDEO GENLOCK	£299.95

order form

phone orders

We accept most major credit cards and are happy to help you with any queries.

postal orders

Ordering by cheque/PO please make payable to **Power Computing Ltd** and specify which delivery is required.

warranty

All Power products come with a 12 month warranty unless otherwise specified.

technical support

Help is on hand with a full Technical Backup service which is provided for Power customers.

mail-order prices

All prices listed are for the month of publication only, call to confirm prices before ordering.

export orders

Most items are available at Tax Free Prices to non-EC residents. Call to confirm prices. BFPO orders welcome.

mail-order terms

All prices include VAT. Specifications and prices are subject to change without notice. All trademarks are acknowledged. All orders in writing or by telephone will be accepted only subject to our terms and conditions of trade, copies of which are available on request.

NAME ....
ADDRESS ....
....
....
.... **POSTCODE** ....
TELEPHONE NO. ....

SYSTEM OWNED ....
DESCRIPTION ....
....
....

TOTAL AMOUNT (inc. delivery) £ ....

CREDIT CARD NO. ....
EXPIRY DATE .... **SIGNATURE** ....

DELIVERY 2-3 DAYS £2.50 ☐ **NEXT DAY £5** ☐ **SAT £10** ☐

MINIMUM DELIVERY £2.50 ALLOW UP TO 7 DAYS FOR CHEQUES TO CLEAR

rs .... for product information sheets please call ....

TELEPHONE **01234 273000**
FACSIMILE **01234 352207**

POWER COMPUTING LTD
44A/B STANLEY STREET
BEDFORD MK41 7RW

.power

contents

CU AMIGA MAGAZINE • NOVEMBER 1995

Cover Feature

In Yer Face! 26

CD-ROMs! Like the Internet, you just can't avoid them these days. The PC has been revolutionised by this medium, as you will no doubt have noticed every time you walk into a newsagent ... most PC mags carry a cover CD every month. Some Amiga users and software publishers have realised the potential of this medium on our fave machine and it's getting bigger and bigger all the time. Our cover feature lets you in on the technology behind the CD, gives you a guide to what's around and provides you with a comprehensive directory of CD-ROM discs available for the Amiga. Over 50 CDs are included ...

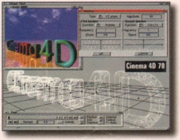
Public Domain

- **PD Scene** 90
  Check out the latest demos from The Gathering 95 along with all the best of the rest from the wacky public domain world.
- **PD Utilities** 95
  Your guide to what's new in the serious side of the shareware and public domain.

Get Serious

- **Cinema 4D** 70
  This powerful 3D rendering package finally gets an English translation. Find out if it's all it's cracked up to be in our exclusive first review.
- **Mac Emulation** 77
  ShapeShifter: run Mac software at full speed for £30! Plus *CrossMac* reviewed.
- **Falcon 040 Accelerator** 81
  The world's first 68040 accelerator for the A1200 arrives with a flourish.
- **Final Writer 4** 82
  Softwood continue to push their word processor to new heights. What more is on offer this time?
- **Technosound Turbo 2 Pro** 85
  One of the Amiga's most enduring sound samplers is now available with a 12-bit option.
- **Image Studio** 89
  Public domain program turned commercial, *Image Studio* makes image processing on a budget a delight.

Image Studio 82



Technosound Turbo 2 Pro 85

95

90
ong with
world.

95
areware

Image Studio 82

81
ives

82
new

85
s now

89
dio

Cover Disks

AMIGA
AudioMa
If you want to make top qua
sound samples you NEED thi
easy to use and massively p
AMIGA
Virtual
Karting
A1200
/A4000
Only
CU
AMIGA
MAGAZINE
CD-ROM Special Edition
November 1995
Including Aminet 7
The newest, the best and
10, 000 images from the
world's largest Amiga
software archive
CD-ROM

AudioMaster IV 10
Make some noise with the Amiga's best sound sampling and editing software, fully functioning in all its glory on cover disk 119.

PageStream 2.2 extras 12
A full dictionary and other extra files for *PageStream 2.2*.

Virtual Karting 13
Our games disk this month is none other than groovy kart racing with little feet at the bottom of the screen. It's fast and difficult and there's one complete track in this demo. You can also choose from four different views.

Aminet CD-ROM 17
Over 600Mbs of the latest PD and shareware software on one CD! (Disk available on CD-ROM edition only.)

Games

PREVIEWS

- **Total Football** 42
Domark's latest football game looks like it's going to be a winner. Beautifully animated sprites and hot footy action ahoy.
- **Super Street Fighter II Turbo** 42
Can it be possible? Gametek has decided to bring out another version of the classic beat 'em up, hot on the heels of US Gold's effort.
- **Team** 43
Impact Software have been bitten by football season madness and are planning to produce a *Sensi* beater. Good luck.

REVIEWS

- **Fears** 44
Can this *Doom* clone really kick alien butt? Or is it just a pale imitation of a greater game?
- **Citadel** 46
This is more than a *Doom* clone, it has lots of RPG stuff thrown in as well. And it runs on A500s. Blimey!
- **Pinball Mania** 48
21st Century Entertainment provide more pinball wizardry for the Amiga. Hot ball popping action or a load of old cobblers?

Pinball Mania 48

- **Hollywood Hustler** 50
Whiskey, women and poker feature in this 'real life' card game from Desert Star software. Is it tasty or just tasteless?
- **Wheelspin** 54
Black Legend's latest racing game stuns us all with its introductory graphics but does it stay good throughout the game? Find out.

CD32

- **Top 100 Games** 59
"Top 100 Games CD32 is the best collection of games for the CD32", says the promotional blurb. Hmmm. Biggest might be more accurate.

Super Streetfighter II turbo 42

Fears 44

Wheelspin 54

Aminet CD-ROM

- **Aminet CD-ROM**
The ultimate shareware archive is yours with the CD edition of CU Amiga Magazine November 1995, on a single CD-ROM. There's well over 600Mbs of essential Amiga data for the price of a magazine!
You might have seen CD-ROMs on magazine covers in the past, but you've never seen one like this! If you have the CD-ROM edition of CU Amiga Magazine, you'll now be the proud owner of an Aminet CD, full of all the latest and best PD and shareware software from Aminet 7, along with this month's *AudioMaster IV* software, *PageStream* extras and game demos. There's also Tony Horgan's exclusive music sample collection and tons of 24-bit JPEG images. A good deal in anyone's book, make no mistake!

News

- **News** 20
Cinema 4D updated already! *Final Calc* released from Softwood and looking good. Also, stories from the world of games, where the new The One is checked out at and a cracking looking tennis game from Audiogenic is revealed. Plus, comms news and more.

Players Guides

- **Vampyra** 63
Vamp is certainly a game girl, she just loves to dive into one of the many adventures queries she receives every day.
- **Snip Tips** 64
Matt Broughton has a tip for everyone at CU Amiga: "My name is spelled with TWO Ts not one, do you HEAR me?" God these games people are SOO temperamental. Enough of Matt's tips let's see what you've sent in for us.

Editorial

So, the A1200 is back with a new pack, Amiga Magic, and plenty of top software. Yes, the price is high, but the quality of the productivity software is beyond question. If you're going to buy one, though, I have a piece of advice. I would recommend seeking out the Hard Drive pack. Unless you already have a hard drive and are upgrading, or you need more than 170Mb and don't mind paying for a bigger drive and qualified installation (DIY will invalidate your warranty). Most of the software comes installed, including Workbench 3.1 and this will make a massive difference to your Amiga enjoyment. An extra £100 is worth it for peace of mind and you'll end up spending more later on if you don't get a HD at the outset..

Unfortunately the games in Amiga Magic leave something to be desired, but Amiga games are still far cheaper than PC or console ones so acquiring a decent collection of software will not break the bank.

We've gone up in cover price by 26p. Unfortunately increased production costs meant that keeping under £4.00 was impossible. The increase doesn't cover the whole shortfall because we don't think that you should bear the full brunt of cost increases outside your or our control. Sorry!

Alan Dykes, Editor

Getting CU

Back Issues 124

"Never look back", was the best piece of advice our mothers ever gave to us. However, there's one place where this golden rule doesn't apply: back issues of CU Amiga Magazine. You can't afford to miss a single issue of this magnificent tome. Find out more on page 124 and phone now.

Subscriptions 125

Nothing in life is ever totally reliable (apart from a Volkswagen, allegedly). But there's one thing you can make sure of for just £34 per year (UK only): a regular copy of CU Amiga Magazine delivered to your doorstep. Take out a subscription now by turning to this page and filling out the coupon.

Workshop

Buyers Guide 100

We're busy making your buying decisions as safe as possible when it comes to choosing a sampler.

OctaMED 5.04 102

How to save time and a guide to instrument parameters are on the menu for this month's *OctaMED*.

Wired World and NetGod 104

The mysterious world of the Internet is once again explored and explained by the man in the know.

Image FX 108

More special effects as Tony Horgan ruins San Francisco's tourism with one fell *Image FX* swoop.

PageStream 2.2 110

Take a step up in the world, impress your friends and relatives with your very own personalised stationery. All created with *PageStream*.

Graphics Masterclass 112

Personal Paint's special effects and image filters are just the job for transforming your artwork into something special.

Frequently Asked Questions 115

Connecting a null modem is the topic under the knife in this month's commonly asked questions.

Q+A Masterclass 120

Mighty multimedia multitasking with *Arexx*? Is it possible? Is it easy to do? Yes.

Questions and Answers 122

Mat and Andy ... your starter for ten: "please help, my Amiga won't work!" Reader queries answered.

Backchat 126

The replies flood in. CU Amiga Magazine's Mat Bettinson points of view, last month, creates some controversy.

Points of View 130

Andrew Braybrook, he of *Fire and Ice* and *ViroCop* fame tells us how he feels about publishers not supporting the CD32.

Advertisers' Index

ADVERTISERS INDEX		
1ST COMPUTER CENTRE	68	0113-231444
17 BIT SOFTWARE	73	01924-366982
ACTIVE SOFTWARE	55, 92 & 93	01325-352260
AMIGANUTS	97	01703-348943
ANALOGIC	76	0181-546-9575
ASCON	45 & 47	0171-372-7497
BRIAN FOWLER COMPUTERS	15	01392-499755
CARE ELECTRONICS	84	01923-894064
CU AMIGA CLASSIFIED PAGES	116-119	0171-972-6700
DATEL	40 & 41	01782-744707
EMERALD	23	0181-7158866
EPIC MARKETING	60 &87	01793-490988
EVERGLADE	84	01667-454933
EXCLUSIVE PD	80	01705-642409
FAST COMPUTER SERVICES	51	0171-252-3553FOURTH
LEVEL DEVELOPMENT	7 & 61	0117-985-4455
GASTEINER	36	0181-3456000
GILLET MULTIMEDIA	62	01353-669203
GOLDEN IMAGE	51	0181-900-9291
GORDON HARWOODS	17,25,58	01773-836781
GREYTRONICS	65	0181-6869973
G.T.I	67	00 49 6171 85937
HIQ	56	01525-211327
HI SOFT	28 & 29	01525-718181
KT'S PD	61	01702-542536
MG'S PD	62	01821-650488
MICROTRADE	66	
OWL	55	01543-250377
POWER COMPUTING	I.F.C, 3, I.B.C	01234-843388
PREMIER MAIL ORDER	129	01268-277172
RESPONSE ADVERTISING	51	01423-530691
SEASOFT	94	01903-850378
SELECTAFONT	66	01702-202835
SILICA SYSTEMS	33,34,35	0181-309-1111
SOFTWARE 2000	74 & 75	01374-678068
SPECIAL RESERVE	8 & 9	01279-600204
UNDERGROUND PD	88	01702-295887
VISAGE COMPUTERS	57	0115-9444501
WISEDONE	62	0181-5703756
WIZARD DEVELOPMENTS	52 & 53	01322-272908
ZONE 1	88	01785-813355

Editorial

EDITOR: Alan Dykes
DEPUTY EDITOR: Lisa Collins
TECHNICAL EDITOR: Tony Horgan
STAFF WRITER: Mat Bettinson
GAMES CONSULTANT: Matt Broughton
ART EDITOR: Helen Danby
DESIGNER: Anthony Collins
TECHNICAL CONSULTANT: John Kennedy
CONTRIBUTORS: Andrew Leaning, Peter Lee, Andy Mitchell, Vampyra, Martin Davies, Larry Hickmott, Ed Wiles, Jason Compton, Mark Patterson, Lucy Hickman, Garth 'Raggy' Sumpter.
PHOTOGRAPHY: Mark Gatehouse

Advertising/Marketing & Management

ADVERTISING MANAGER: Justine Carlson
SALES EXECUTIVE: Marianna Masters
AD PRODUCTION: Tina Gynn, Vicky Jacobs and Ryan Boundy
PRODUCT MANAGER: Fiona Malloch
SUBSCRIPTIONS MANAGER: Katherine Kleeb
PUBLISHING DIRECTOR: David Kelly
EXECUTIVE PUBLISHING DIRECTOR: Graham Taylor

Contacts

When contacting CU AMIGA MAGAZINE there are two golden rules.
1: Send your letters etc to the right department and please do not send a stamped self-addressed envelope.
2: Please remember that we have to write and produce your favourite magazine every month, so try to keep your correspondence short and to the point. Although we'd love to, we simply cannot reply personally to the hundreds of calls, letters, and faxes we get. Answers have to be through the pages of the magazine only.

ADVERTISING AND ADVERTISING PROBLEMS: If you wish to advertise, or have a problem with a company advertising in CU AMIGA MAGAZINE our advertising team will be glad to help. Contact Justine Carlson or Marianna Masters on 0171-972 6700, fax them on 0171 216 6219, or write to them at CU AMIGA MAGAZINE Advertising, Priory Court, 30-32 Farringdon Lane London EC1R 3AU.

READERS' LETTERS AND TECHNICAL PROBLEMS: For general, non-technical, enquiries send your letters to Backchat. for technical problems send them to Q&A. Both are at CU AMIGA MAGAZINE, Priory Court, 30-32 Farringdon Lane, London EC1R 3AU. Phone: 0171 972 6700, FAX: 0171 972 6703. Please remember that we cannot answer enquiries in detail by phone. If you need advice urgently or have a problem then do call us between 4.30pm and 5.30pm mon-fri. We will try to assist you within these hours, but complex questions may be too difficult to resolve over the phone. Alternatively, E-mail us at backchat@cu-amiga.demon.co.uk or Q+A@cu-amiga.demon.co.uk.

PD SUBMISSIONS: We get hundreds of new PD programs every week, but we're still hungry for more. If you've written a PD program that you're proud of send it to the PD ZONE, CU AMIGA MAGAZINE, Priory Court, 30-32 Farringdon Lane, London EC1R 3AU.

COMPETITIONS: CU AMIGA MAGAZINE runs competitions almost every issue. To enter one of these simply put your name and address on the back of postcard, along with the answers and send them to us at the usual address. Competition entries are only accepted by post. One entry per person please and the editor's decision is final. Winners will be notified by post. Other rules may be printed from time to time.

BACK ISSUES: 01858 468 888. Subject to availability.

SUBSCRIPTION DETAILS: Subscriptions are available from Tower Publishing, Tower House, Sovereign Park, Lathkill Street, Market Harborough LE16 9EF Tel: 01858 468888. Annual subscription rates (inc postage) 12 issues: UK/BFPO £47.40. SURFACE/ROW £55.00. AIRMAIL EUROPE £60.00. AIRMAIL ROW ZONE 1 £90.00. AIRMAIL ROW ZONE 2 £96.00.

COVER DISK PROBLEMS: If you have a faulty cover disk then write or return your disk to our 3.5 inch people: CU AMIGA MAGAZINE COVER DISK RETURNS, DISKXPRESS, UNIT 7, WILLOW COURT, BOURTON INDUSTRIAL PARK, BOURTON-ON-THE-WATER, GLOUCESTERSHIRE, GL54 2HQ.

COMMS: You can contact CU AMIGA MAGAZINE, via the Internet/E-Mail. To do so use the addresses printed in the Comms pages of this magazine. Please keep E-Mail brief and to the point.

© EMAP Images 1995. No part of this magazine may be reproduced in any form, either electronic or mechanical, or sold without the express written permission of the publisher. Cover disks remain the copyright of their respective suppliers and may not be duplicated, distributed or sold on without their permission. All material and prices are believed to be accurate at the time of going to press. CU AMIGA MAGAZINE attempts to maintain the highest standards, but cannot be held responsible for any errors, factual or otherwise which may have inadvertently creeped into the issue. None of the reviews or previews in any section of this magazine constitute paid for or otherwise solicited advertisements for that product or supplier. CU AMIGA MAGAZINE is an independent publication and the opinions expressed by its reviewers are their own, free of any outside encumbrance.

PRINTED IN THE UNITED KINGDOM BY ST IVES PETERBOROUGH ABC: 55,789 Jan – Jun 1995.

OUR WWW SERVER

http://www.flevel.co.uk
For latest prices & bargains
NEW THIS MONTH
Books - Connect your Amiga
A Guide to the internet, Lans & BBS & online Services by Dale L.Larsen - This is by an ex-C= member of the Amiga Networking Group. Well written comprehensive, this is a must
254 pages £11.95.

NEW AMIGAS with AFS

Play safe. Dealers can supply AFS as standard.
Get full safety & enhanced performance from your new amiga. Choose a dealer who can supply your new A1200 & A4000 with AFS as standard.

Dealers & Distributors- call
0117 955 8225 for OEM details

ARD DRIVES shipped with AFS
ew LOW Prices

CSI 2 Drive	Speed	ExVat	Vat Inc	AFS
40M Fujitsu	11ms	POA		User
50M Quantum	11ms	205	240.87	Pro
1G IBM	9ms	295	346.62	Pro
2G Quantum	8.6ms	595	699.13	Pro
2.1G Barracuda	9ms	790	928.25	Pro
4.2G Barracuda	9ms	1060	1245.00	Pro
9G Micropolis	9ms	1650	1938.75	Pro
DE for A4000				
50M Maxtor		183	215.02	Pro
1.2G Maxtor		215	252.63	Pro

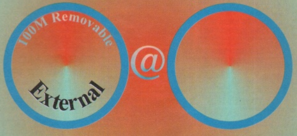
rive prices & types may vary - please phone to check before ordering.

AFS Review
"If it sounds like I raved, then I`ve communicated successfully how groovy this product is"

The Multi-Data Machine gives you a 4X CdRom plus a 650M removable in one half height drive. The Fourth Lev software includes the advanced tools for removable medi which have until now, only been available on the Mo-Miga (Fourth Level`s top of the range 1.3Gb M.O. drive system).
Ami-FileSafe - the new filing system which has taken the Amiga market place by storm - is also included along with with Full CDRom support.

Prices: Internal SCSI2 £510.00+VAT = £599.25
Options: external add £ 45.00+VAT = £ 52.87
Oktagon Card add £ 95.00+VAT = £111.62

And NOW ZIP Drives shipped with AF



Fourth Level Removable Media Networking Tools included

FS User	£29.75	US$48	FFr 220
FS Pro	£79.75	US$127	FFr 592
P&P EEC	£ 3.50	N/A	FFr 26
Other	£ 3.50	US$ 10	FFr 26
ice V3	£98.75	US$158	FFr 734
P&P EEC	£ 5.50	N/A	FFr 41
Other	£10.00	US$ 10	FFr 55

We accept cheques in Sterling, US$, FFr & DM at no extra cost. If buying by redit card add 3% to cover card costs
Tel: +44 (0) 117 985 4455
Fax + 44 (0) 117 955 9157.
ail: sales@flevel.co.uk

Benchmarks AFS

A3000 030 Oktagon SCSI 2

Test	FFS	AFS	Units
DirScan	409	1780	Files/Sec
CreateFile	227	1073	k/sec
ReadFile	244	1363	k/sec
Seek and write 4bytes (start & end) x100	53.6 Sec	4.4Sec	

Commercial C Compile for Amiga which has be continuously supported & developed to become the most reliable and us friendly package.
Sole Distributors Europe Africa, Asia
(Except France & Germany)
Fully Internet Supported from our server!

Fourth Level Developments Certified Amiga Developers 0117 985 4455 (6 Lines)

Distributors
UK: FLDistribution
Germany: Stefan Ossowskis Schatztruhe
Sweden: Orebro Videoreklam
Italy: Db-Line
South Africa:MLSystems
USA: AIM

A Fourth Level Development
Distributor & Dealer Enquiries +44 (0) 117 955 8225

UK Orders to FLDistribution 31 Ashley Hill Montpelier Bristol BS6 5JA

Membership Card Sales: 01279 600204

Special Reserve

The Discount Club

SAVE £22 CHAMP MGR 2	20.99
SAVE £10 ULT SOCCER MGR	19.99
SAVE £12 COLONIZATION	22.99
SAVE £19 ELITE	4.99
SAVE £26 CIVILISATION AGA	13.99
SAVE £12 UFO	20.99
SAVE £9 GLOOM	20.99
SAVE £23 BODY BLOWS	3.99
SAVE £30 MINI OFFICE	29.99
SAVE £6 PHOTOGENICS V1	53.99

NOP = not A500 +, A600 or A1200
NO12 = will not work on A1200
512K = will work on 512k machines
HDR = Hard Drive Required
EDR = External Drive Required
• = NEW Item
XS SAVER = deduct amount shown until date shown

A1200 GAMES

ALADDIN	12.99
ALIEN BREED - TOWER ASSAULT	15.49
ALIEN BREED 2	8.99
ALIEN BREED 3D	20.99
ANDRE AGASSI TENNIS	20.99
BALDIES	19.99
BODY BLOWS	11.99
BODY BLOWS GALACTIC	18.99
BRUTAL	19.99
CIVILISATION AGA	13.99
COLONIZATION	22.99
CORE COMPILATION VOL 1 BANSHEE, SKELETON KREW, HEIMDALL 2	**19.99**
DETROIT	21.99
DUNGEON MASTER 2	23.49
FEARS	20.99
FIELDS OF GLORY	12.49
FOOTBALL GLORY	14.99
FRONTIER - FIRST ENCOUNTERS	19.49
GLOOM ('DOOM' CLONE)	20.99
GUARDIAN	19.99
HEIMDALL 2 - BANE OF ASGARD	17.99
HIGH SEAS TRADER	22.49
IMPOSSIBLE MISSION	12.99
JUNGLE STRIKE	12.99
KINGPIN	10.99
MORPH	3.99
NEW WORLD OF LEMMINGS	22.49
ODYSSEY •	20.99
ON THE BALL - LEAGUE EDITION HDR	12.49
PGA EUROPEAN TOUR	14.99
PINBALL ILLUSIONS	19.49
POLE POSITION	19.49
PUSSIES GALORE	17.99
ROAD KILL	12.99
ROBOCOD (AEG)	3.99
SHADOW FIGHTER	10.99
SIM CITY 2000 HDR/5MB	21.99
SIMON THE SORCERER	14.99
SIMON THE SORCERER 2	23.99
SKELETON KREW	18.99
SOCCER SUPER STARS	9.99
SUB WAR 2050	18.99
SUPER LEAGUE MANAGER	19.49
SUPER STARDUST	18.99
TFX	25.99
THEME PARK	22.99
UFO - ENEMY UNKNOWN	22.99
ULTIMATE SOCCER MANAGER	19.99
WEMBLEY - INT'L SOCCER	17.99

A1200 UTILITIES

BRILLIANCE V.2 AGA PREMIER PROFESSIONAL ART PACKAGE HDR	**48.99**
PC TASK V.3.1 SOFTWARE PC EMULATION SYSTEM WINDOWS COMPATIBLE WHEN USED WITH A4000. REQUIRES DOS 3.3 OR ABOVE. (INSTALLABLE)	**59.99**
PHOTOGENICS V1.2. THE ULTIMATE GRAPHICS AND MANIPULATION PROGRAM WITH MULTIPLE FILE FORMAT SUPPORT (INCLUDES IFF, GIFF, JPEG) AND MANY EDITING FEATURES (RATED 95% BY AMIGA FORMAT)	**53.99**
VISTA PRO (LITE) POWERFUL SCENERY CREATOR AND ANIMATOR (A1200/A400) HDR	**26.99**
WORDWORTH V.2 AGA WORD PUBLISHER EDR OR HDR	**24.99**
WORDWORTH V.3.1 AGA WORD PUBLISHER. PREMIER TOP QUALITY WORD PUBLISHER PACKAGE. EDR OR HDR	**57.99**

A500 GAMES

A-TRAIN + CONSTRUCTION SET	9.99
A10 TANK KILLER	12.99
ALIEN BREED TOWER ASSAULT (512K)	14.99
ALIEN BREED 2	8.99
ANDRE AGASSI TENNIS	18.99
APPROACH TRAINER •	29.99
ARCADE POOL	7.99
AWARD WINNERS 3 CIVILISATION, ELITE 2, LEMMINGS	**20.99**
B17 FLYING FORTRESS	12.99
BALDIES	19.49
BEAU JOLLY COMP CANNON FODDER, SETTLERS, CHAOS ENGINE, T2	**17.99**
BIG 100 (100 SHAREWARE GAMES)	8.99
BLACK CRYPT	10.99
BODY BLOWS	3.99
CANNON FODDER	12.99
CANNON FODDER 2	11.99
CENTERFOLD SQUARES	4.99
CHAMPIONSHIP MANAGER 94/95 (END OF SEASON DATA DISK)	7.99
CHAMPIONSHIP MANAGER COLLECTION (93/94 + UPDATE DISK)	14.99
CHAMPIONSHIP MANAGER ITALIA 95	17.99
CHAMPIONSHIP MANAGER 2 (95)	20.99
CHAOS ENGINE (512K)	9.49
CHAOS ENGINE 2	22.99
CLASSIC COLLECTION - DELPHINE FLASHBACK, CRUISE FOR A CORPSE, ANOTHER WORLD, OPERATION STEALTH, FUTURE WARS	**18.99**
CLASSIC COLLECTION - LUCAS ARTS MONKEY ISLAND, INDY JONES ADVENTURE, LOOM, MANIAC MANSION, ZAK MCKRACKEN	**19.99**
CLUB FOOTBALL - THE MANAGER	9.99
COLONIZATION	22.99
COLOSSUS CHESS X (NO12)	4.99
COMBAT CLASSICS 3 HISTORYLINE, CAMPAIGN, GUNSHIP 2000	**19.49**
CORRUPTION (M/SCROLLS) (512K)	4.49
CRICKET CAPTAIN (NOP)	4.99
CRICKET MASTERS (ESP)	20.99
DAILY DOUBLE HORSE RACING	4.99
DESERT STRIKE	10.99
DETROIT	21.99
DOGFIGHT	12.99
DUNE	11.49
DUNE 2 - BATTLE FOR ARRAKIS	13.99
ELITE (512K)	4.99
ELITE PLUS	12.99
EMBRYO (512K)	14.99
EYE OF THE BEHOLDER	12.49
EYE OF THE BEHOLDER 2	12.49
F117A STEALTH FIGHTER 2.0	12.99
FIELDS OF GLORY	13.99
FIFA INTERNATIONAL SOCCER	17.99
FOOTBALL DIRECTOR 2	4.99
FOOTBALL DIRECTOR 3 •	20.99
FORMULA 1 - WORLD CHAMP ED (512K)	20.99
FORMULA 1 GRAND PRIX (512K)	10.49
FORMULA 1 MASTERS (ESP)	20.99
FRONTIER - FIRST ENCOUNTERS	19.99
GLOOM DELUXE •	20.99
GOAL (512K)	5.99
GRAHAM GOOCH - TEST MATCH	19.49
GRAHAM GOOCH WORLD CRICKET	15.99
GREMLIN COMPILATION VOL 2 ZOOL 2, LOTUS 3, PREMIER MANAGER 2, SPACE CRUSADE	**18.99**
GUNSHIP 2000	14.99
HEART OF CHINA	12.99
HEIMDALL 2 - BANE OF ASGARD	17.99
HEROQUEST 2 - LEGACY OF SORASIL	9.99
HISTORYLINE 1914-18	12.99
INDIANA JONES FATE OF ATLANTIS	13.99
INNOCENT	9.99
JINXTER (M/SCROLLS) (512K)	4.49
JUNGLE STRIKE	12.99
JURASSIC PARK	12.99
KGB (512K)	11.99
KINGPIN	10.99
KNIGHTS OF THE SKY	12.49
LEMMINGS 2	9.99
LOMBARD RAC RALLY (512K)	6.99
LORDS OF THE REALM	21.49
LOST VIKINGS (512K)	9.99
LURE OF THE TEMPTRESS	11.99
MAN UTD - THE DOUBLE	22.99
MICRO MACHINES (512K)	12.99
MICROPROSE GOLF	7.99
MORTAL KOMBAT 2	19.99
MR BLOBBY (512K)	4.99
NICK FALDO'S GOLF (512K)	6.99
ON THE BALL - LEAGUE EDITION	12.49
ON THE BALL - WORLD CUP EDITION	12.49
PGA EUROPEAN TOUR	12.99
PGA TOUR GOLF (512K)	11.99
PINBALL DOUBLE PACK PINBALL DREAMS & FANTASIES	**17.49**
PINBALL FANTASIES (512K)	9.99
PLAYER MANAGER 2	15.99
POLICE QUEST 3	12.99
POPULOUS & PROMISED LANDS (512K) (NO12)	10.99
POWERDRIVE	9.99
POWERMONGER + WW1 DATA DISK (512K)	11.49
PREMIER MANAGER 3 + EDITOR	13.99
PREMIER MANAGER 3 EDITOR	9.99
PRIMAL RAGE	22.99
PRINCE OF PERSIA	6.99
REACH FOR THE SKIES (512K)	11.99
RISE OF THE ROBOTS	14.99
ROAD RASH (512K)	10.49
ROME AD 92	12.99
RUGBY LEAGUE COACH	16.49
SCRABBLE (512K)	12.99
SECOND SAMURAI (NO12)	6.99
SECRET OF MONKEY ISLAND	12.99
SECRET OF MONKEY ISLAND 2	12.99
SENSIBLE GOLF	19.99
SENSIBLE WORLD OF SOCCER	19.99
SETTLERS	15.49
SILENT SERVICE 2 (NO12)	11.99
SIMON THE SORCERER	14.99
SKID MARKS	12.49
SPACE LEGENDS WING COMMANDER, MEGATRAVELLER, ELITE	**11.99**
SPEEDBALL 1 & 2 (512K)	7.99
SPERIS LEGACY	18.99
SPORTS MASTERS PGA GOLF, INDY 500, ADVANTAGE TENNIS, EUROPEAN CHAMPS 1992	**13.99**
STABLE MASTERS (ESP)	20.99
STEVE DAVIS WORLD SNOOKER	4.99
STRIKER MANAGER	4.99
SUPER LEAGUE MANAGER	17.99
SUPER SKID MARKS 2	20.99
SUPER STREETFIGHTER 2	23.99
SWIV (512K) (NOP)	4.99
SYNDICATE	12.99
THE LOST TREASURES OF INFOCOM 1 20 CLASSIC TEXT ADVENTURES (512K)	**19.49**
THEME PARK	22.99
TORNADO	12.99
UFO - ENEMY UNKNOWN	20.99
ULTIMATE SOCCER MANAGER	19.99
WING COMMANDER 1	5.99
WINTER OLYMPICS	9.99
WORLD CUP YEAR 94 GOAL, CHAMP MANAGER 94 + DATA DISK, STRIKER, SENSIBLE SOCCER	**12.99**
WORLD OF GOLF •	20.99
ZEEWOLF	11.99
ZEEWOLF 2 •	23.99
ZOOL 2	4.99

FREE WHEN YOU JOIN

BUY ANY ONE ITEM AT THE SAME TIME AS JOINING FOR A YEAR AND WE'LL SEND YOU A SUPERMODEL KELLY MOUSE MAT

ABSOLUTELY FREE

THIS SUPERB QUALITY GERMAN-MADE, LAMINATED MOUSE MAT HAS A TEXTURED SURFACE TO GIVE AN EXCELLENT RESPONSE AND IS RUBBER BACKED TO PREVENT SLIPPING (WORTH £9.99)

Existing members can renew early (£5) to take advantage of this offer - we'll just add 12 months to your expiry date. Offer subject to stock. Overseas members add £2 carriage

NEW from Manga Video

STREETFIGHTER 2 ANIMATED MOVIE **12.99**
rated 15, VHS tape

MANGA

SAVE AN EXTRA £5 ON VIROCOP & FLIGHT OF AMAZON QUEEN

SAVE £11

SAVE £15

UNTIL OCT 31ST

FLIGHT OF THE AMAZON QUEEN	19.49
XS VIROCOP - **DEDUCT £5** UNTIL OCT 31 *RRP = £29.99 SRP = £19.49 - £5 SAVE £15.50*	
VIROCOP (A1200)	19.99
VIROCOP (A500/600)	19.99
XS VIROCOP - **DEDUCT £5** UNTIL OCT 31 *RRP = £25.99 SRP = £19.99 - £5 SAVE £11.00*	

A500 UTILITIES

DELUXE PAINT 3 VERY POWERFUL ART AND ANIMATION PACKAGE (INSTALLABLE)	**9.99**
GB ROUTE PLUS POWERFUL AND EASY TO USE ROUTE PLANNING SYSTEM. (INSTALLABLE)	**36.99**
KINDWORDS 3 FULLY FEATURED VALUE FOR MONEY WORD PUBLISHER. (INSTALLABLE)	**21.99**
MINI OFFICE INTEGRATED WORD PROCESSOR, SPREADSHEET, DATABASE AND DISK UTILITIES. (INSTALLABLE)	**29.99**
ORGANISER PERSONAL INFORMATION MANAGER FROM WORDWORTH'S PUBLISHERS	**39.99**
PUBLISHER EASY TO USE PAGE LAYOUT PACKAGE . PROFESSIONAL DESKTOP PUBLISHING NO12/EDR/HDR	**22.99**

CD32 SOFTWARE

17 BIT COLLECTION 2 CD's MASSIVE 2 CD SET OF GAMES, DEMOS, MUSIC AND GRAPHICS	**31.99**
17 BIT CONTINUATION HUGE FOLLOW UP COLLECTION TO 17 BIT COLLECTION	**19.99**
AKIRA	19.99
ALIEN BREED - TOWER ASSAULT	20.99
ALIEN BREED 3D	22.49
ANDRE AGASSI TENNIS	20.99
ARCADE POOL	10.99
BATTLECHESS	18.99
BRUTAL FOOTBALL	16.99
BUBBLE AND SQUEAK	15.99
CANNON FODDER	12.99
CDPD VOLUME 1 FRED FISH DISKS 1-660 AND LOTS OF PD/SHAREWARE	**19.99**
CDPD VOLUME 2 FRED FISH DISKS 661-760 PLUS SCOPE DISKS 1-220, AB20 ARCHIVES AND LOTS MORE PD/SHAREWARE	**19.99**
CDPD VOLUME 3 FRED FISH DISKS 761-890 AND LOTS OF GRAPHICS, VISTA PRO DEMO LANDSCAPES AND BOOKS TEXT	**19.99**
CORE COMPILATION VOL 2 BANSHEE, SKELETON KREW, HEIMDALL 2, UNIVERSE	**21.99**
CORE COMPILATION VOL 3 BUBBA 'N' STIX, PREMIER, CHUCK ROCK 1 & 2	**16.99**
DINOSAURS - AN INSIGHT INTERACTIVE DOCUMENTARY FEATURING THE WHOLE STORY OF THE DINOSAUR ERA	**20.99**
DIZZY - THE BIG SIX	9.49
ELITE 2 (FRONTIER)	18.99
FEARS	20.99
FIELDS OF GLORY	12.99
FINAL OVER - ARCADE CRICKET	13.49
FRONTIER - FIRST ENCOUNTERS	19.49
FURY OF THE FURRIES	12.99
GLOOM ('DOOM' CLONE)	20.99
GLOOM 2 •	20.99
GUARDIAN	19.99
GUNSHIP 2000	12.99
JUNGLE STRIKE	12.99
KINGPIN	12.49
LEMMINGS	6.99
LOST EDEN	24.99
MAKIN' MUSIK CREATE QUALITY MUSIC. INCLUDES OVER 1000 SOUNDS, OVER 100 MUSIC MODULES AND MANY CREATION TOOLS (OVERDRIVE CD AND SX-1)	**19.99**
MEGA RACE	22.99
MICROCOSM	14.99
MICROFRENCH CD (8 TO ADULT) FIRST EVER LANGUAGE COURSE FOR THE CD-32. WITH REAL SPEECH AND GCSE PHRASE BOOK	**26.99**
MORPH	2.99
NOW ... GAMES 2 100 PD/SHAREWARE GAMES	**18.99**
OSCAR & DIGGERS	3.99
PINBALL FANTASIES	19.99
PINBALL ILLUSIONS	19.49
PIRATES GOLD	14.99
PUSSIES GALORE	18.99
RISE OF THE ROBOTS	9.99
ROAD KILL	12.99
ROBOCOD (JAMES POND 2)	3.99
SHADOW FIGHTER	10.99
SIMON THE SORCERER	14.99
SIMON THE SORCERER 2	23.99
SKELETON KREW	18.99
SOCCER KID	14.99
SPECCY SENSATION SHAREWARE SPECTRUM EMULATOR WITH OVER 240 GAMES INCLUDING ATIC ATAC, JET SET WILLY, THE HOBBIT AND MANY MORE CLASSICS. (OVERDRIVE CD AND SX-1)	**18.49**
SPEEDBALL 2 XS SPBALL 2 - **DEDUCT £5** UNTIL NOV 30TH	12.9
SPERIS LEGACY	19.9
SUB WAR 2050	12.9
SUPER STARDUST	18.9
SYNDICATE	23.9
THEME PARK	22.9
TOP GEAR 2	16.9
UFO - ENEMY UNKNOWN	15.9
ULTIMATE BODY BLOWS BODY BLOWS & BODY BLOWS GALACTIC	9.9
VITAL LIGHT	12.9
WORMS	19.9
ZOOL	3.9

🕮 BOOKS 🕮

AMIGA DISKS AND DRIVES INSIDER GUIDE	12.9
CANNON FODDER OFFICIAL GUIDE	11.9
COMPLETE IDIOTS GUIDE - NETSCAPE	14.9
COMPLETE IDIOTS GUIDE - INTERNET	20.4
INDIANA JONES FATE ATLANTIS HINT GUIDE (SPECIAL RESERVE)	3.9
INSIDE COMPUSERVE 5TH EDITION	23.9
INTERNET FOR DUMMIES	17.9
SECRET OF MONKEY ISLAND HINT BOOK	9.9
SECRET OF MONKEY ISLAND 2 HINT BOOK	9.9
SECRETS OF FRONTIER (ELITE 2)	9.4
SIMCITY 2000 OFFICIAL HANDBOOK	15.9
THE UK INTERNET BOOK	19.9
TOTAL! AMIGA BEGINNERS •	14.9
TOTAL! AMIGA DOS •	14.9
TOTAL! AMIGA WORKBENCH •	14.9
UFO (XCOM) STRATEGIES AND SECRETS	12.9
UK COMMUNICATIONS - THE COMPLETE GUIDE	15.9

BLANK DISKS

FROM 7.99 FOR 10

SPECIAL RESERVE BLAN DISKS ARE BRITISH MAD GUARANTEED ERROR FREE. TDK DISKS ARE BRANDED AND BOXED I TENS. LABELS SUPPLIE

PACK OF 10 SPECIAL RESERVE HD 3.5" HIGH DENSITY DISKS WITH FREE FLIP TOP BOX	7.9
PACK OF 50 SPECIAL RESERVE HD 3.5" HIGH DENSITY DISKS	23.9
PACK OF 10 TDK MF-2DD 3.5" DOUBLE DENSITY DISKS	7.9
PACK OF 50 TDK MF-2DD 3.5" DOUBLE DENSITY DISKS	22.9
PACK OF 10 TDK MF-2HD 3.5" HIGH DENSITY DISKS	9.9
PACK OF 50 TDK MF-2HD 3.5" HIGH DENSITY DISKS	27.9

AMIGA LEADS

(PLEASE STATE "AMIGA" WHEN ORDERING)

ANTI-SURGE 4 WAY TRAILING MULTIPLUG CONNECTS UP TO 4 DEVICES TO 1 OUTLET. PROTECTS AGAINST ELECTRICAL SURGES	24.9
HIFI AUDIO LEAD AMIGA TO STEREO 1.5 M, 2 X PHONO TO 2 X PHONO	4.9
JOYSTICK EXTENDER CABLE (3 M)	7.9
JOYSTICK SPLITTER CABLE PLUGS 2 JOYSTICKS INTO 1 PORT	7.9
MONITOR LEAD AMIGA TO CM8833 MKII OR 1084S MONITOR	9.9
PRINTER LEAD AMIGA (1.5 M)	5.9
PRINTER LEAD AMIGA (5 M)	9.9
SCART LEAD - AMIGA TO SCART TV	9.9

JOYSTICKS, MICE AND MOUSE MATS

QUICKSHOT 137F PYTHON
WITH AUTOFIRE
9.99

SAVE £17

FREEWHEEL STEERING WHEEL
DIGITAL VERSION, IDEAL FOR DRIVING AND FLIGHT SIM GAMES BEST USED WITH FOOT PEDAL
12.99

SAVE £7

QUICKJOY FOOTPEDAL
TRANSFERS JOYSTICK FUNCTIONS TO FOOTPEDALS, IDEAL FOR USE WITH FREEWHEEL
12.99

DYNAMICS COMPETITION PRO JOYPAD FOR CD32 AND AMIGA
TURBO AND AUTOFIRE
15.99

EKLIPSE MOUSE FOR AMIGA
290 DPI, 2 BUTTON MICROSWITCHED, FREE MOUSE MAT
11.99

ALFA MEGAMOUSE 400
HIGH QUALITY 400 DPI, 2 MICROSWITCHED BUTTONS
13.99

STAR TREK MOUSE MATS
WITH TOUGH POLYCARBONATE COATING FOR LONG LIFE
TNG CREW...9.99
GENERATIONS - TWO CAPTAINS ... 9.99

SPECIAL RESERVE MOUSE MAT ... 4.99
SPONGE BACKED

OVERDRIVE 560 MB HARD DRIVE 209.99

HIGH SPEED EXTERNAL DRIVE FOR AMIGA A1200 AND A600, DOES NOT INVALIDATE WARRANTY, COMPLETE WITH AQ TOOLS DISK, SYSTEM SOFTWARE AND POWER SUPPLY.

INTERNAL 2.5" HARD DRIVES

HIGH SPEED DRIVE FOR AMIGA A1200 AND A600 & SX-1, COMPLETE WITH FITTING INSTRUCTIONS AND 3 YEAR WARRANTY. NOTE OPENING YOUR AMIGA INVALIDATES THE WARRANTY. PLEASE STATE A1200, A600 OR SX-1 ON YOUR ORDER

340 MB 2.5" INTERNAL HARD DRIVE FOR AMIGA	189.99
510 MB 2.5" INTERNAL HARD DRIVE FOR AMIGA	269.99

OVERDRIVE CD ROM 179.99

PLUGS INTO PCMCIA SLOT OF A1200, DOUBLE SPEED DRIVE COMPATIBLE WITH MOST CD32 SOFTWARE, PHOTO CD, MUSIC CD AND CD+G DISCS

EXTERNAL DISK DRIVE 49.99

880K FORMATTED CAPACITY, LONG REACH CABLE, COLOUR MATCHED DESIGN, HIGH QUALITY DESIGN

NEW

SAVE £10

TECHNOSOUND TURBO 2 PRO SOUND SAMPLER ...29.99

LATEST VERSION OF THIS POPULAR SOUND SAMPLER, INCLUDES RE-STYLED SOFTWARE, WITH DIGITAL FILTER, SEPARATE LEFT AND RIGHT EDIT, REAL TIME SPECIAL SPECIAL EFFECTS & IMPROVED SAMPLING QUALITY. WORKS WITH ALL 1 MB AMIGAS

ZYDEC ZYFI PRO 2 STEREO SPEAKERS 47.99

SURPERB HI-FI QUALITY SPEAKERS PERFECT FOR ALL COMPUTERS AND PERSONAL HIFI. 36 WATTS RMS, BASS, TREBLE AND VOLUME CONTROL. POWERED BY MAINS (LEAD SUPPLIED). SPECTACULAR SOUND QUALITY WITH THUNDERING BASS

SAVE £10

RAM UPGRADES

TRAPDOOR RAM EXPANSION FOR A500+, A600 AND A120

1 MB A500 PLUS RAM WITH CLOCK	36.9
1 MB A600 RAM WITH CLOCK	46.9
4 MB RAM BOARD FOR AMIGA A1200 WITH CLOCK	184.9
4 MB + FPU RAM BOARD FOR AMIGA A1200 WITH CLOCK AND ADDITIONAL FAST 33 MHz FLOATING POINT UNIT FOR MATHS AND GRAPHICS ACCELERATION	239.9

MONITOR AND STEREO TV

MICROVITEC 1438 14" MULTISYNC MONITOR 279.9
FOR 1200 AND A4000, WITH FREE STERE SPEAKERS, 0.28 DOT PITCH MPRII LOW RADIATION. SIGNAL AND POWER LEAD SUPPLIED WITH AMIGA ADAPTOR

NOKIA 14" SCART TV 159.99
• REMOTE CONTROL • SQUARE TINTED TUBE • HEADPHONE SOCKET • SCART SOCKET

NOKIA 14" NICAM STEREO TV 214.99
AS ABOVE PLUS TELETEXT
NICAM DIGITAL STEREO
AND ADJUSTABLE SOUND DEFLECTORS

SCART LEAD - AMIGA TO SCART TV (NOT GOLDSTAR) ... 9.9

AMIGA POWER SUPPLY

SAVE £13

COMMODORE AMIGA POWER SUPPLY 26.9
COMPATIBLE WITH AMIGA A500, A600 AND A12
23 WATTS STANDARD OUTPUT

ANTISURGE 4 WAY TRAILING MULTIPLUG 24.
SAFLEY CONNECTS 4 DEVICES TO ONE OUTLE AND PROTECTS AGAINST ELECTRICAL SURGE

SAVE £6
Photogenic

PHOTOGENICS V1.2
53.99

...12.99
UCT £5 UNTIL NOV 30TH
...19.99
...12.99
...18.99
...23.99
...22.99
...16.99
OWN ...15.99
LOWS
ACTIC ...9.99
...12.99
...19.99
...3.99

OOKS

DRIVES
...12.99
OFFICIAL GUIDE 11.99
UIDE - NETSCAPE 14.99
UIDE - INTERNET ...20.49
ATE ATLANTIS
AL RESERVE) ...3.99
VE 5TH EDITION 23.99
MMIES ...17.99
EY ISLAND
...9.99
EY ISLAND 2
...9.99
TIER (ELITE 2) ...9.49
CIAL HANDBOOK 15.99
BOOK ...19.99
INNERS • ...14.99
S • ...14.99
RKBENCH • ...14.99
EGIES
...12.99
ONS -
IDE ...15.99

K DISKS

CIAL RESERVE BLANK
KS ARE BRITISH MADE
UARANTEED ERROR
REE. TDK DISKS ARE
ANDED AND BOXED IN
S. LABELS SUPPLIED
AL RESERVE HD
DISKS WITH
X ...7.99
AL RESERVE HD
DISKS ...23.99
F-2DD
TY DISKS ...7.99
F-2DD
TY DISKS ...22.99
F-2HD
DISKS ...9.99
F-2HD
DISKS ...27.99

A LEADS

IGA" WHEN ORDERING)
TRAILING
ECTS UP TO 4
LET. PROTECTS
AL SURGES ...24.99
MIGA TO STEREO
O 2 X PHONO ...4.99
ER CABLE (3 M) ...7.99
R CABLE
S INTO 1 PORT ...7.99
IGA
1084S MONITOR 9.99
GA (1.5 M) ...5.99
GA (5 M) ...9.99
GA TO SCART TV 9.99

ES

A600 AND A1200
...36.99
...46.99
...184.99
CLOCK AND
FOR MATHS
...239.99

EO TV

38 14"
NITOR 279.99
WITH FREE STEREO
PITCH MPRII LOW
AND POWER LEADS
MIGA ADAPTOR

...9.99

PPLY

...26.99
500, A600 AND A1200
RD OUTPUT
G MULTIPLUG 24.99
CES TO ONE OUTLET
LECTRICAL SURGES

CAN YOU FIND ANOTHER DEAL LIKE THIS?

ENCARTA
WORKS
PUBLISHER
Golf
Publisher Design Pack
MUSICAL INSTRUMENTS
Windows 95
SCENES
ANCIENT LANDS
DANGEROUS CREATURES
CINEMANIA 95
BOOKSHELF 94

PCI DX4/100
QUAD MULTIMEDIA PC

From Only 1046.80+ VAT with 4 MB Ram and everything shown including 1.25 Gig Drive and Windows 95

TRUST PCI 486 DX4/100 MULTIMEDIA PC
- Microsoft Windows 95 operating system
- Samsung 1272 MB (1.25 Gig) super high speed hard drive
- Very attractive mini-tower case
- Powerful 486 DX4/100 MHz processor (more powerful than a Pentium P60)
- 128K cache upgradeable to 256K
- Fast 1 MB PCI 32-bit graphics (upgradeable to 2MB)
- Enhanced IDE controller supports four drives
- 5 drive bays, 4 PCI slots, 4 16-bit ISA slots
- Expandable to 64 MB Ram
- Samsung 14" Syncmaster 0.28 dot pitch SVGA award-winning monitor with tilt and swivel stand
- 102 key keyboard, mouse and mouse mat

2 YEAR ON-SITE WARRANTY

TRUST QUAD MULTIMEDIA PC

MASSIVE
1272 MB
SUPER HIGH SPEED
HARD DRIVE,
(1.25 GIGABYTE)
WITH
WINDOWS 95,
FAST
QUAD SPEED
CD ROM DRIVE,
GENUINE
SOUND BLASTER 16
PRO IDE SOUND CARD,
MICROPHONE & SPEAKERS,
AWARD WINNING
SAMSUNG 14"
SYNCMASTER MONITOR,
ADDITIONAL
£500 WORTH
OF MICROSOFT CD's,
PLUS
8 CLASSIC GAMES
AND
2 YEAR ON-SITE
WARRANTY

PENTIUM P90
QUAD MULTIMEDIA PC

From Only 1327.65 + VAT with 8 MB Ram and everything shown including 1.25 Gig Drive and Windows 95

TRUST PENTIUM P90 MULTIMEDIA PC
- Microsoft Windows 95 operating system
- Samsung 1272 MB (1.25 Gig) super high speed hard drive
- Large sculpted midi-tower case
- Intel Pentium P90 MHz processor (over 50% faster than a DX4/100)
- 256K cache upgradeable to 1MB
- Fast 1 MB PCI 32-bit graphics (upgradeable to 2MB)
- Enhanced IDE controller supports four drives
- 6 drive bays, 4 PCI slots, 4 16-bit ISA slots
- Expandable to 128 MB Ram
- Samsung 14" Syncmaster 0.28 dot pitch SVGA award-winning monitor with tilt and swivel stand
- 102 key keyboard, mouse and mouse mat

2 YEAR ON-SITE WARRANTY

FITTED CREATIVE LABS QUAD MULTIMEDIA KIT INCLUDES

Latest Creative Labs QUAD speed CD ROM drive (also plays music CD's), Creative Labs Sound Blaster 16 PRO IDE ASP sound card with Advanced digital Signal Processing, Creative Labs active/passive stereo speakers, MC 1000 desk microphone, extensive utility software including Voice Recognition, Text to Speech, Ensemble Hi-Fi, Wave Studio and Talking Scheduler, plus a CD library of 1000 Creative images, sounds and effects.

AT SPECIAL RESERVE WE ALWAYS GIVE YOU THE BEST DEAL

Each Special Reserve TRUST Multimedia PC has everything you need for the home and small office, even a two year on-site warranty for peace of mind. We don't cut costs by including cheap fuzzy screens or cheaper alternative operating systems. We build your machine to run fast, by using the best price/performance CPU's and adding cache RAM. We fit only Quad speed CD ROM drives and super high speed 1272 MB hard drives. We enhance your sound and improve games compatibility by fitting genuine Sound Blaster sound cards of the highest 16-bit specification. And we include an amazing array of CD software as the foundation of your software library.

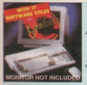
FREE 2 YEAR ON-SITE WARRANTY AND FREE FAST DELIVERY TO MOST UK MAINLAND ADDRESSES
WARRANTY DOES NOT COVER SOFTWARE - FULL DETAILS ON REQUEST. ALL OFFERS SUBJECT TO STOCK. PRICES AND SPECIFICATION MAY CHANGE.

CHOOSE YOUR CONFIGURATION - WE RECOMMEND 8MB OF RAM OR MORE. 16 MB DX4/100 MACHINES HAVE ONE 16MB RAM CHIP. 16 MB PENTIUMS HAVE 2 x 8MB.

TRUST QUAD MULTIMEDIA PC - WITH EVERYTHING INCLUDING ALL SOFTWARE SHOWN!	EX VAT	INC VAT
QUAD 4 MB - TRUST QUAD 486 DX4/100 MHz PC + 4 MB RAM, MULTIMEDIA & ALL SOFTWARE	1046.80	1229.99
QUAD 8 MB - TRUST QUAD 486 DX4/100 MHz PC + 8 MB RAM, MULTIMEDIA & ALL SOFTWARE	1131.91	1329.99
QUAD P90 8 MB - TRUST QUAD PENTIUM P90 MHz PC + 8 MB RAM, MULTIMEDIA & ALL SOFTWARE	1327.65	1559.99
QUAD P90 16 MB - TRUST QUAD PENTIUM P90 MHz PC + 16 MB RAM, MULTIMEDIA & ALL SOFTWARE	1506.37	1769.99

SAVE £3 ——— DEDUCT £3 OFF ANY ORDER OVER £90 PLACED AT THE SAME TIME AS JOINING SPECIAL RESERVE FOR A YEAR ——— SAVE £3

CREDIT FACILITIES - PLEASE PHONE SALES ON 01279 600204 AND WE WILL SEND YOU FULL WRITTEN DETAILS
SPECIAL RESERVE IS A LICENCED CREDIT BROKER UNDER THE CONSUMER CREDIT ACT. CHARGE CARD OR PERSONAL LOANS AVAILABLE SUBJECT TO STATUS.



AMIGA A1200 MAGIC PACKS

Amiga A1200 computer with powerful 32 bit CPU combined with AGA chipset offering superb graphics and sound capabilities.
Built in keyboard, internal disk drive, TV modulator and many industry standard ports to allow connection to monitors, modems, printers, scanners, CD ROM drives, hard drives and much more. Fully multi-tasking Workbench 3.1 operating system and 17 software titles.

WORWORTH V4, PHOTOGENICS V1.1, DATASTORE V1.1, ORGANISER V1.1, PERSONAL PAINT V6.4, TURBO CALC, WHIZZ AND PINBALL MANIA PLUS FREE FROM SPECIAL RESERVE CHAOS ENGINE, SYNDICATE, PINBALL FANTASIES, NICK FALDO'S GOLF, ELITE 2, BATMAN RETURNS, LEMMINGS 2 AND CIVILISATION AGA

AMIGA A1200 2/0 MAGIC PACK & 8 FREE GAMES ...399.99
A1200 COMPUTER WITH 2MB RAM, MAGIC PACK SOFTWARE AND 8 FREE GAMES

AMIGA A1200 2/170 SCALA MAGIC PACK WITH 170MB INTERNAL HARD DRIVE & 8 FREE GAMES ...499.99
A1200 COMPUTER WITH 2MB RAM, 170MB INTERNAL HARD DRIVE, SCALA MM300 MULTIMEDIA SOFTWARE, MAGIC PACK SOFTWARE AND 8 FREE GAMES

AMIGA CD32 CRITICAL ZONE PACK 169.99

CD32 CONSOLE OFFERING GRAPHICS CAPABILITY OF 262,144 COLOURS ON SCREEN FROM A PALETTE OF OVER 16 MILLION, HIGH QUALITY AUDIO WITH THE ABILITY TO PLAY MUSIC CD'S. PACK INCLUDES SEVEN GAMES, LIBERATION, CANNON FODDER, MICROCOSM, ULTIMATE BODY BLOWS, PROJECT X, DIGGERS AND OSCAR ON CD PLUS A 6 BUTTON CONTROL PAD

SAVE £30
WITH 7 GAMES
LIBERATION
CANNON FODDER

FAST FAX/MODEMS

- FULLY APPROVED FOR CONNECTION TO BT
- MNP2-5 V42bis, CLASS 1, 2 AND GROUP 3 FAX COMPATIBLE
- FREE 1 MONTH SUBSCRIPTION TO COMPUSERVE
- FREE INTERNET SUBSCRIPTION OFFER
- FREE INDIGO FAX BOX OFFER
- FREE TECHNICAL SUPPORT
- FREE 1 YEAR SUBSCRIPTION TO .NET
- FREE INTERNET STARTER GUIDE

EXTERNAL 14.4 FAX/MODEM FOR AMIGA WITH TERMITE SOFTWARE & CABLES ...130.99

EXTERNAL 28.8 FAX/MODEM FOR AMIGA WITH TERMITE SOFTWARE & CABLES ...229.99

COLOUR PRINTERS

FREE PRINTER LEAD

CITIZEN ABC COLOUR DOT MATRIX ONLY 144.99
24 PIN, 80 COLUMN, 192 CPS/64 LQ, 2 YEAR WARRANTY, FREE EASYSTART SOFTWARE, THE EASIEST PRINTER TO USE ON THE MARKET

CANON BJC 4000 COLOUR INKJET ONLY 279.99
64 NOZZLES, 80 COLUMN, 5 FONTS, 8 PPM, 360 DPI BUILT IN SHEET FEEDER (100 SHEETS)
"VERY DIFFICULT TO BEAT" - WHAT PC? JAN '95

FREE PRINTER LEAD

MANY MORE ITEMS AVAILABLE FROM MOUSE HOUSES TO PRINTER RIBBONS ALL AT DISCOUNTED PRICES

REGULAR
48-PAGE COLOUR
CLUB MAGAZINE
CHEATS & MOVES
RELEASE SCHEDULE
CHARTS
REVIEWS
HUGE RANGE
ALL GENUINE
UK PRODUCTS
HEAVY DISCOUNTS
XS SAVERS
CREDIT TERMS
GREAT PRIZES
TO BE WON

10am to 8pm
7 days a week!
01279 600204

Membership Card Sales: 01279 600204
Special Reserve
The Discount Club
Special Reserve - The Biggest Games Club in the World

Club Shops at

CHELMSFORD, ESSEX
43 Broomfield Road.
Just around the corner from the bus station.

SAWBRIDGEWORTH, HERTS
The Maltings, Station Road.
A few miles from the M11, near the station.

Items bought in the shops carry a 50p surcharge on the Mail Order prices.
Members only but you can order as you join.

SAVE £50
FREE FAST DELIVERY

SEGA SATURN 349.99
WITH VIRTUA FIGHTER AND ONE CONTROLLER
COMPLETE WITH SCART LEAD. STEREO SOUND, PLAYS MUSIC CD's. PHOTO CD COMPATIBLE.

SEGA RF INTERFACE FOR SATURN TO CONNECT TO NON SCART TV 24.99

BUG •	38.99	STREETFIGHTER - MOVIE •	32.99
CLOCKWORK KNIGHT 2 •	31.99	TILT •	32.99
DAYTONA USA	42.99	VIRTUA FIGHTER REMIX •	24.99
DIGITAL PINBALL •	34.99	VIRTUA HYDLIDE •	38.99
NHL HOCKEY •	38.99	VIRTUA RACING DELUXE	31.99
PANZER DRAGOON	42.99	WING ARMS •	38.99

FREE PROGRAMMABLE 8 BUTTON CONTROLLER
FREE FAST DELIVERY

SONY PLAYSTATION 289.99
WITH SONY DEMO CD AND CONTROLLER
STEREO SOUND, PLAYS MUSIC CD's. PHOTO CD COMPATIBLE.

PLUS FREE PROGRAMMABLE EIGHT BUTTON CONTROLLER

AGILE WARRIOR •	32.99	TEKKEN	39.99
DESTRUCTION DERBY	39.99	TILT •	32.99
LONE SOLDIER •	34.99	TOSHINDEN	37.99
MORTAL KOMBAT 3	41.99	TOTAL ECLIPSE TURBO •	33.99
RIDGE RACER	39.99	WIPE OUT	39.99

UNLESS STATED ALL PRICES INCLUDE VAT & DELIVERY

£3 NEW MEMBER DISCOUNT OFF ANY ORDER OVER £90 PLACED AS YOU JOIN FOR ONE YEAR

JUST DEDUCT £3 OFF THE PRICE OF YOUR FIRST ORDER IF IT IS OVER £90, PROVIDING YOU PLACE IT AS YOU JOIN FOR ONE YEAR.
USE BY POST, AT OUR SHOPS OR BY PHONE ON 01279 600204. Ends Jan '96

WE ONLY SUPPLY MEMBERS BUT YOU CAN ORDER AS YOU JOIN

MEMBERSHIP FEES	UK	EC	WORLD
ONE YEAR	£6.00	£8.00	£10.00

Club benefits include regular club magazines, £180 worth of XS Savers (coupons) per year, club competitions and huge discounts across the range. Members are under no obligation to buy.
All prices include VAT and carriage to MOST UK mainland addresses.

Overseas orders must be paid by credit card
Hardware items (battery or mains) are only supplied to the UK addresses
Overseas surcharge £2.00 per software item or **25%** on other items

(BLOCK CAPITALS please) INDO
Name & Address ____________________
____
____
____________________ Postcode ____________________
CU AMIGA
If Mac or PC please state DISK or CD ROM
Phone No ____________________ Machine ____________________
Enter membership number (if applicable) or
NEW MEMBERSHIP FEE (ANNUAL UK 6.00)
item ____________________
item ____________________
item ____________________
Please use this box to add any **optional** fast delivery charge
1st Class Post 50p per posted item or **£3 hardware**
ALL PRICES INCLUDE UK POSTAGE & VAT £
Cheque/P.O./Access/Mastercard/Switch/Visa
CREDIT CARD EXPIRY DATE ________ SIGNATURE ____________________ SWITCH (ISSUE NO ______)

Mail Order address. Cheques payable to:
SPECIAL RESERVE
P.O. BOX 847, HARLOW, CM21 9PH
or FAX a credit card order on 01279 726842 - and we'll FAX back.

Inevitably some games listed may not yet be available. Please phone to check availability. Prices may change without prior notification. Sent to press 20.09.95 E. & O.E. SAVE = Saving off full retail price. Inter-Mediates Ltd, The Maltings, Sawbridgeworth, Herts.

Charge card or personal loan subject to status. Please phone for written details.

DISK 119

AudioMaster IV

The complete package of best Amiga sound sampling and editing software ever is on this month's cover disk. It's compatible with most samplers, but you don't need one to use it. Now make some noise!

AMIGA MAGAZINE
INCLUDED WITH THE NOVEMBER '95 ISSUE OF CU AMIGA – BRITAIN'S BEST AMIGA MAGAZINE
DISK 119
• Plus: PageStream extras!
AudioMaster IV
Features Time Stretching!!!
If you want to make top quality sound samples you NEED this ... easy to use and massively powerful!
All Amigas with 1Mb RAM
AMIGA MAGAZINE

Simply the Best!

***AudioMaster IV* is the only sampling software that does your Amiga justice. Wrapped up in its simple point and click interface you'll find a wealth of unique professional features that are simply not available from any other Amiga sampler. Whether you own a sampler cartridge or not, you'll come to rely on *AudioMaster* for all your sound editing requirements. Capable of ultra clean stereo sampling, state of the art special effects and complex looping, you'll wonder how you ever got by without it.**

Key Features

- **Time stretching**
- **Pitch shifting**
- **Freehand draw editing**
- **Powerful filtering**
- **Sequencing**
- **Real time effects**
- **Professional editing effects**
- **55.9KHz stereo sampling**
- **Sample direct to Fast RAM**

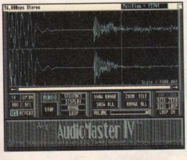
We've really pulled out the stops for this one! *AudioMaster IV* is the sampling tool of the professionals, but until now, getting hold of it hasn't been too easy. That's why we've decided to cover mount it with this month's magazine, not in a cut-down demo form, but in its entirety with all the original features enabled. *AudioMaster IV* has been developed to work on all Amigas with 1Mb of RAM or more, from Workbench 1.3 upwards. It's also intelligent enough to make good use of faster processors and extra RAM. Unlike some sampling software, *AudioMaster IV* doesn't limit you to your Amiga's Chip RAM capacity, allowing you to sample straight into Fast RAM to take full advantage of your system.

You'll need to boot from your hard drive or Workbench disk before you can load *AudioMaster IV*. Refer to page 14 for full loading instructions. If you have the CD edition of this magazine, you can run the program direct from the CD.

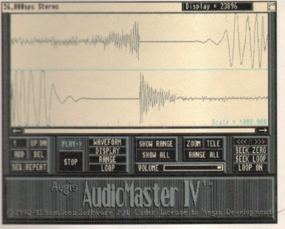
First steps

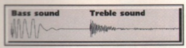
AudioMaster IV is a stereo sampler and sample editor. It works with 8 bit IFF and RAW samples for compatibility with all Amiga applications, and can also be switched to operate in mono mode. When it comes to professional editing features, *AudioMaster IV* cannot be beaten.

To get a feel for the kind of things you can do with *AudioMaster*, select Load -> To Edit Window from the Project menu. Click on the '56,000sps Stereo' file and then click OK. This is a stereo sample recorded at 55.930 KHz (CDs are recorded at 44.1KHz). It has been saved as an *AudioMaster* sequence file, so when you hit the Play -> Sequence button (beneath the waveform window) you'll see the sample played back in a pre-arranged order. It's not the most inventive drum pattern, but you can learn quite a lot from it.


56,000sps Stereo
Position = 15744
Scale = 1000.000
10
UP DN
ADD
DEL
SEQ
REPEAT
PLAY-2
STOP
SEQUENCE
DISPLAY
RANGE
LOOP
SHOW RANGE
SHOW ALL
VOLUME
ZOOM
TELE
RANGE
ALL
<<<
>>>
SEEK ZERO
SEEK LOOP
LOOP ON
Aegis
AudioMaster IV

The scanline shows which part of the sound is being played. The two waveforms represent the left and right channels of the sample (a stereo sample is actually two recordings, one for the left and one for the right). This example shows how different sounds look in the waveform display. The bass drum is a fairly





smooth wave, as it doesn't contain many high frequencies. This is typical of bass sounds. The cymbal however is mostly made up of high frequencies and these are represented on screen as lots of peaks and troughs clustered tightly together. Learning to 'see' what a waveform sounds like is an important step towards professional quality sample editing.

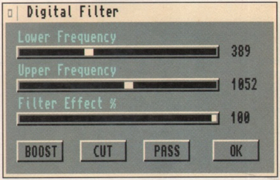
For now we'll disable the sequence and just work on the sample as a continuous loop. To do this, click on the SEQ button on the left of the panel. You should see that the Play -> Sequence button has now changed to read Play -> Waveform.

Next we'll use an option from the Effects menu. Click the Range All button to select the whole sample, and then choose Backwards -> Range from the Effects menu. You now have the option of reversing the whole sample, or just one of the channels. Click on Left to flip the left channel. You can see the results of the reversal in the waveform window. Click the Waveform button to hear the results. Impressed? Of course you are!

The control panel

Many of the most commonly used functions are accessed from the control panel beneath the waveform. The small cluster of buttons on the far left are for setting up loop sequences (this will be covered in a forthcoming issue). Next there's the self-explanatory Stop button. Beside this are four Play buttons: Sequence/Wave, Display, Range and Loop. These play the described parts of the sound. Show Range is a quick and simple method of zooming right into the highlighted area, which is expanded to fill the window. Show All brings the entire sample into view. The Volume slider controls the overall output volume, but doesn't affect the actual volume of the sample data. It's best to keep this at maximum, and adjust the volume on your hi fi or monitor controls.

Zoom gives you a close-up of the waveform for fine editing. Keep the left mouse button held down to zoom in to maximum magnification. Tele is used for zooming back out, and works just like Zoom but in reverse (remember that you can use Show All to snap straight back to the full wave display). The arrow buttons (marked <<< and >>>) are used to move the loop markers left and right. Click on the loop marker handles to select them. Seek Zero is used to make


Digital Filter

Lower Frequency 389

Upper Frequency 1052

Filter Effect % 100

A Guided Tour of the Edit Menus

AudioMaster IV(tm) Version 1.0
© 1990-91 RamScan Software Pty Ltd.
Produced under License to Aegis Development
a Division of Oxxi, Inc.
-= All Rights Reserved Worldwide =-

Keep Developers Developing.
Spread The Word and Not The Disk!

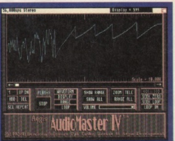
Free Memory = 8894336

Project

Starting with the Project menu we have the following options. **About:** displays some information about this version of *AudioMaster* and the amount of free memory. **New:** erases the current sample from memory. **Load:** loads a sample into the waveform window or the copy buffer, and also allows you to scan the RAM for any samples that may still be there from previous programs. **Save:** saves out the sample or program configuration, while the Compressed option halves the sample rate before saving. **Snapshot:** this copies the current sample to an undo buffer. **Recall:** copies the undo buffer back into the main sample window. **Sampler:** enters sampling mode (see Sampling panel for details). **Mode:** switches between stereo and mono. Print: outputs your sample to a printer. **Quit:** exits the program.

Edit 1

Cut: removes the highlighted portion of the wave and moves it to the copy buffer. **Copy:** makes a copy of the highlighted area in the copy buffer. **Paste:** inserts the contents of the copy buffer at the start of the selected range. **Keep:** removes everything except the highlighted part of the wave. **Replace:** overwrites the selected portion of the wave with the contents of the copy buffer. **Clear Buffer:** wipes the copy buffer. **Zero:** reduces the range or copy buffer to silence. **Swap Chan:** swaps the left and right waveforms. **Edit Freehand:** a very powerful feature that lets you draw the sample wave with the mouse – just drag the mouse around the wave and hold the left button to draw (use the slider to move along the wave). Re-select it to switch back to normal editing.



Edit 2

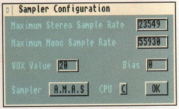
Cursor to Start: moves the range cursor to the start of the waveform. **Cursor to End:** moves the range cursor to the end of the wave. **Replicate Loop:** adds a copy of the current loop onto the end of the sample. **Add Workspace:** inserts blank sample space at the cursor position. **Adjust DC offset:** centralises the waveform to compensate for certain effects processes or sampler calibration problems. **Swap Buffer and Main:** swaps the sample wave with the copy buffer – re-select to undo.

Sampling Sounds

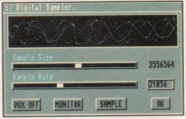
If you've got a sound sampler cartridge, such as MegaloSound or Technosound, you can use it with AudioMaster IV to grab your own samples. Most parallel port samplers are supported, so if yours doesn't seem to work at first, experiment with the Sampler Configuration controls which are available from the Options menu.

The sampling section is accessed by selecting Sampler from the Project menu. You'll see the Digital Sampler window pop up, containing an oscilloscope (or two if you're in stereo mode), a couple of sliders and a few buttons. Making sure you have an audio source plugged into your sampler, which is plugged into your Amiga, click the Monitor button and use the scope to attain an optimum input volume. The sound wave should occasionally touch the top and bottom of the scope, without flattening out (in which case it's too loud). If you get nothing but a flat line, check your cabling and sampler.

The Sample Size slider is used to select the maximum amount of memory that the sample will use. This is specified in bytes, so if you wanted to allocate 300K to a sample, set the slider to read 300000. The Sample Rate slider is very important, as it can make the difference between a clean and a dirty sample. The scientific method of setting the sample rate is to double the highest frequency that you want to record. An easier way is to write down a few numbers and stick them on your monitor. For drums and vocals, use 21056 Hz, which equates to E-3 in tracker programs such as *OctaMED*. Instrument samples are best sampled at 16726 Hz (C-3) which will allow you to play a wider range of notes when loaded into a sequencer. Use lower rates if you need to save memory.


Sampler Configuration
Sampler
OK

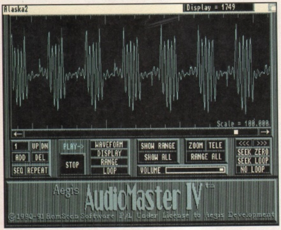
Maximum Stereo Sample Rate 23549
Maximum Mono Sample Rate 55930
VOX Value 20
Bias 0
Sampler A.M.A.S
CPU C


Digital Sampler.
VOX OFF
MONITOR
SAMPLE
OK

Sample Size 3556564
Sample Rate 21056

You can also try sampling at twice the required rate, and then using the Tune Waveform feature to transpose it down by an octave (which is equal to half the sample rate). This can lead to slightly clearer samples. The Sample Rate can also be set by clicking in the box next to the slider and entering the value.

The Vox On/Off button is used for automatic sample triggering. When it's turned on, after you click the Sample button AudioMaster will wait until the incoming signal reaches a certain volume level, upon which it will start recording. If it's turned off, sampling can be started by clicking the left mouse button after clicking the Sample button. Press the left mouse button once again to stop sampling, then click OK to return to the main editor.

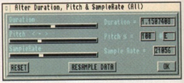

Alaska2
Display = 1749
Scale = 100.000
←
→
1
UP
DN
ADD
DEL
SEQ
REPEAT
PLAY->
STOP
WAVEFORM
DISPLAY
RANGE
LOOP
SHOW RANGE
SHOW ALL
VOLUME
ZOOM
TELE
RANGE ALL
<<<
>>>
SEEK ZERO
SEEK LOOP
NO LOOP
Aegis AudioMaster IV tm
©1990-91 RamScan Software P/L Under License to Aegis Development

smooth loops. It works by shifting the currently selected loop marker left or right to the nearest part of the wave with a value of zero. Both markers need to be moved to a zero position for this to be of any use. This doesn't guarantee a smooth loop, but it helps. Seek Loop attempts to find a smooth loop automatically, but manual looping is normally the best option. Loop on/off turns the loop on and off.

Time stretching

Time-stretching is just one of the many special effects available from the Effects menu, found under the Duration/Pitch option. Normally changing the pitch of a sample will change its length, but time-stretching alters the pitch of a sample without affecting its length. The reverse processes is called pitch-shifting, which alters the pitch but retains the original length of the sample. Anyone who's into jungle or techno will be familiar with the sound.

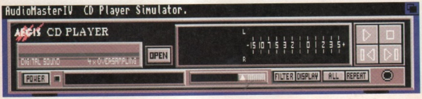
When used subtly, time-stretching can bring a sound in time or in tune with the rest of a piece of music. When used with more extreme settings, the side effects can be stunning. It works by adding or removing minute sections of the wave, which can lead to a metallic echoing effect. It's simple to use: just adjust the sliders and click on Resample Data. ■


Alter Duration, Pitch & SampleRate (All)
Duration
Pitch < - >
SampleRate
RESET
RESAMPLE DATA
OK

Duration = 1.1507408
Pitch % = 100 # E
Sample Rate = 21056

PageStream 2.2 Extras

You'll also find on cover disk 119 and the CD some extra files for last month's enormously popular *PageStream 2.2* cover disk. These files include a dictionary that enables you to make use of the spell checking functions, along with a few other additional extras to enhance your desk top publishing. The extra files are included on the floppy cover disk as a DMS archive, which when expanded onto a disk is transformed into a neat installer disk. To unpack the DMS archive, enter 'Go Pagestream' after booting the cover disk. Click the installer icon to add the files to *PageStream*.


AudioMasterIV CD Player Simulator.
AEGIS CD PLAYER
DIGITAL SOUND
4 x OVERSAMPLING
OPEN
POWER
L
R
-15 10 7 5 3 2 1 0 1 2 3 5+
FILTER
DISPLAY
ALL
REPEAT

Next Month

There's far too much on offer in AudioMaster IV to cover it all in this issue. Next Month we'll take a good look at the special effects, including a thorough investigation of the powerful digital filtering section.

DISK 120

Virtual Karting

A Demo by OTM

A1200 / A4000

AMIGA MAGAZINE
DISK 120
Virtual Karting
Between 25 and 50 frames per second? Impressive realism? You've got it all in this demo!
A1200 /A4000 Only
AMIGA MAGAZINE

How to load Virtual Karting

***Virtual Karting* will load directly off your cover disk. Before you use the disk make sure to write protect it, this will ensure the integrity of the data. Also, make a copy and keep the original safe.**

A1200

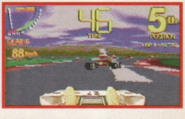
Before you load *Virtual Karting* you'll need to disconnect any peripherals you may have plugged into your A1200, including PCMCIA hard drives and interfaces. This applies to all A1200s. Otherwise the game will appear to load and run properly until you press the fire button to start the game, upon which it will revert to a black screen and refuse to proceed. If you have more than 2Mb of RAM you can now boot straight from the cover disk and play the game.

2Mb A1200 users will need to disable any extra drives, including internal hard drives and external floppies. Do this with the boot options. Reset your Amiga and hold down both mouse buttons. Select Boot Options and then click on all drives in the list on the right except DF0 so that they read Disabled instead of Enabled. Now click on Use, and with the Virtual Karting disk in the drive, click on Boot.

A4000

There's something about the *Virtual Karting* boot sequence that doesn't agree with certain A4000s. If yours doesn't boot straight from the floppy, boot the hard drive and insert the *Virtual Karting* disk. Double click the *Virtual Karting* disk icon and then the *VK* program icon.

25 frames per second? 50 fps on an accelerated Amiga? This game kicks dirt. Find out how with our exclusive demo.



Virtual Karting simulates go karts. Not the sort you get down the old rubber tire ringed race track mind: the real thing, 100cc and 125cc competition karts. These are used by pre-F1 drivers and can reach incredible speeds. So this is your chance to test them out.

In this demo you can only race on the Advanced track. Each race lasts up to 60 seconds (one minute, for the pedantic) and then you will exit to the startup screen again. When the game loads you can enter the Options Screen and take a look around, but many of the settings cannot be changed. Try auto or manual gears though. Manual is a bit difficult to control, but auto is fairly smooth. Although you are limited to the 125cc kart this isn't a problem as it is the fastest.

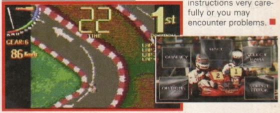
To race you can either click on the qualify button or the race one and then, with a four second count down you begin. Use the various views set out in the box below, accessed by the F keys to find one that you are comfy with. Control is ultra simple using a joystick (the only option available in this demo). Pushing the joystick forward speeds you up, back applies the brakes. Likewise, left and right steer you in those directions. If you are using manual gears pressing fire and forward will change up, while fire and back will change down. See the panel opposite on loading *Virtual Karting*. Follow the instructions very carefully or you may encounter problems. ■

View options

There are five methods of viewing your kart. Each one represents a type of camera angle and will allow you to see your 'feet' pressing the brake and accelerator. Oh yes and an overhead view too. Controls are as follows ...

- **Full Screen F1.**
- **Big Feet F2.**
- **Medium Feet F3.**
- **Small Feet F4.**
- **Overhead F10.**

When you view it from overhead you need to press F10 again to return to a conventional forward view.



How to load disk 119

IF YOUR DISK WON'T LOAD

We go to great trouble to ensure that the CU Amiga Magazine cover disks will work on common Amiga models. However, if you do experience problems follow this simple guide. We also vigorously virus check our cover disks on a branded virus checker. If some escape our attention we cannot assume responsibility for it.

1: Remove all unnecessary upgrades and peripherals, such as printers and modems. Some trapdoor expansions can also cause problems.

2: Follow the instructions on this and previous pages exactly.

3: If you still experience problems loading the disk call the DiskXpress helpline on 0451 810 788 between the hours of 10am and 5pm Monday to Friday.

If they advise that the disk is faulty, fill in your details in the form below, and send this form, along with the faulty cover disk and a 28p stamped self addressed envelope to:

CU Amiga Magazine Disk Returns, DiskXpress, Unit 7, Willow Court, Bourton Industrial Park, Bourton-on-the-Water, Gloucestershire GL54 2HQ.

NAME: ....

ADDRESS: ....

TYPE OF AMIGA OWNED: ....

DISK NUMBER: ....

DESCRIBE EXACTLY WHAT HAPPENS WHEN YOU TRY TO LOAD THE DISK:

....

....

Audiomaster IV

This month's cover disk program is compressed to enable it to fit onto cover disk 119. You will need one blank, formatted and write enabled disk to decompress *Audiomaster IV*. To do so, place a write protected copy of cover disk 119 into your Amiga's internal drive and restart it. After the Amiga boots up a screen will appear with text on it which reads 'To decompress *Audiomaster* type 'go Audiomaster' (without the quote marks). Do so and then press return. Follow the on-screen prompts which will tell you when to insert the blank disk. After inserting the blank disk your Amiga will copy *Audiomaster* to it. After the message 'all done!' appears on screen remove your new disk and label it *Audiomaster IV*. To use it, restart your machine, load up Workbench and insert the new *Audiomaster* disk you have just created. Clicking on the disk icon and program will launch *Audiomaster IV*.

Pagestream Extras

The *PageStream* extras file is compressed to enable it to fit on to cover disk 119. You will need one blank, formatted and write enabled disk to decompress it to. To do so, place place a write protected copy of cover disk 119 into your Amiga's internal drive and restart it. After the Amiga boots up a screen will appear with text on it which reads 'To decompress *PageStream* type 'go PageStream' (without the quote marks). Do so and then press Return. Follow the on screen prompts which will tell you when to insert the blank disk. After inserting the blank disk your Amiga will copy half of the program to disk. You will then be asked to put disk 119 back in the drive. Do so. Finally, after decompressing the rest of the program to RAM the on-screen text will ask you to re-insert your blank disk. After the whole program has finished copying the message 'all done!' appears on screen. Remove your new disk and label it *PageStream* extras. If you have a hard drive then you can add this to *PageStream* by restarting your Amiga and, once the Workbench screen comes up, click on the disk icon which will bring up a program entitled installer. Clicking on this will install the extras to your existing copy of *PageStream* (from cover disk 117). If you do not have a hard drive and are operating *PageStream* from floppy the process is more complicated. We will explain this in detail next month.

PageStream2

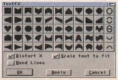
- detailed 90+ page instruction manual.
- 45 additional fonts.
- requires 1.5MB memory and AmigaDOS 1.3 or newer; hard drive recommended, but not required.
- upgrade later to PageStream3 for £110.

PageStream3

- detailed 540+ page instruction manual.
- 64 fonts plus assorted clip art.
- 1000 more features; full AGA colour support!
- includes free image processor, autotracer & text editor.
- requires 4MB memory and AmigaDOS 2.0 or newer; hard drive required; 68020 or better recommended.
- includes a free upgrade to v3.1 when it is available.

TEXT FX

NEW!



- warp text inside shapes and bend text on curves!
- just type your text and click on a button.

SPECIAL OFFER!

PAGESTREAM MANUAL & FONT SET

Get the most from your PageStream cover disk!

The October CU Amiga cover disk gave you the world's most popular Amiga desktop publishing program. If you really want to get the most from this stunning package, there's no substitute fo the official PageStream instruction manual. It explains in simple terms how each feature works, and guides you through the creation of a document to get you up and running in minutes. You'll also receive the complete program including the spell checker, 45 additional fonts, more printer drivers and import modules. If you later decide you want more power, you can apply the entire cost of PageStream2.2 towards the purchase of the even more feature-packed PageStream3.

NAME ______________________________

ADDRESS ______________________________

______________________________ POSTCODE ______________

☐ **PageStream2.2 with manual & 45 more fonts: £24.95, including P&P—saving £150 off the RRP.**
☐ **PageStream3 complete package: £134.95, including P&P—saving £115 off the RRP.**
☐ **PageStream3 Text FX extension for £29.95, including P&P. *Requires PageStream3.***
○ VISA/Access/MasterCard/EuroCard/Discover/Novus/AmEx No.
○ Cheque / Postal Order payable to Soft-Logik Publishing Exp.

What? I have to order from the colonies!

We know how difficult it can be to order from across the pond, so we'll cover the postage & packing. You can pay with a cheque in Sterling or by credit card. If you pay by credit card, we will bill you the equivalent price in American dollars at the current exchange rate, so your credit card statement may be off by a few pence. All prices exclude VAT. To order, phone us at 001-314-256-9595 between 3pm and 11pm (9am–5pm Central), fax this to 001-314-256-7773, or mail it to: 315 Consort Drive, St. Louis, MO 63011, USA.

BRIAN FOWLER
Computers Ltd

Investing in AMIGA™

☐ Brian Fowler has been involved with AMIGA since the very first A1000 arrived in the UK.

☐ Brian Fowler stayed with AMIGA during the bad times following Commodore's liquidation.

☐ Now AMIGA is back, and to show our confidence in AMIGA's future, we've invested in new, larger, better premises. Still in the centre of the beautiful city of Exeter, we're easy to find and are one of the few shops where AMIGA doesn't take second place to P.C.

☐ So come and see us - or try our Mail Order Service (just phone (01392) 499 755) - either way, we're second to none. Brian Fowler Computers - for the best in AMIGA.

Please note our NEW address

Brian Fowler Computers Ltd
90 South Street
Exeter
Devon EX1 1EN

Phone us on (01392) 499 755
Fax us on (01392) 493 393
brian_fowler@cix.compulink.co.uk
Compuserve 100072,1536

(We have a lot more planned for the coming months... stay tuned!)

bfc1033

Brian
Fowler
Computers Ltd

(01392) 499 755

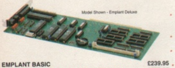
American Express Cards Welcome · Switch · Eurocard · MasterCard · VISA · Access

Emplant - Macintosh and PC emulations.

Emplant **can be used with any accelerated Zorro based Amiga. With Macintosh and PC emulation modules, Emplant is the Amiga`s only all-in-one emulation solution.**

Macintosh® Emulation Module

- *A full 'generic' Macintosh with the speed dependent upon your processor.*
- *An A3000 is equivalent to a MAC IIci. An A4000 is equivalent to a Quadra 900.*
- *Support for up to 16 colours (non-AGA), 256 colours (AGA) or up to 24 bit colours using third party video boards such as Picasso II, CyberVision, Piccolo SD64, Retina etc.*
- *Built in intelligent multiple file transfer for transfers between the Amiga and MAC.*
- *Support for AmigaDOS devices, CD ROM, direct Scanning, MIDI, SyQuest, Printers, Modems etc. Total compatibility through on-board SCSI interface (Option B and Deluxe).*
- *Full 8 -bit stereo sound. Requires Macintosh II/IIx/IIcx/SE30 256K ROMs (not supplied).*
- *Supports all Floppy formats (Even 800K Mac drives with additional AMIA interface).*



e586DX/SX Emulation Module

- *MDA, CGA, EGA, VGA, SVGA video modes (AGA is required for VGA/SVGA).*
- *Sound, Floppy drives, AmigaDOS partitions, Extended Memory, and more!*
- *Print from Windows or DOS via Amiga parallel port.*
- *Use CD ROM drive with any Amiga sided CD ROM drive.*
- *Will run programs that require greater than a 286 processor.*
- *Comes with both DX (FPU) and SX (no FPU) versions and 486 PC BIOS.*

EMPLANT BASIC	**£239.95**
EMPLANT OPTION A (APPLETALK/SERIAL)	**£279.95**
EMPLANT OPTION B (SCSI INTERFACE)	**£279.95**
EMPLANT DELUXE (APPLETALK & SCSI)	**£299.95**
e586DX/SX PC MODULE ***(Now Includes BIOS)***	**£109.95**
PC BIOS (AMIBIOS) FOR e586DX sold alone	**£ 10.00**
AMIA (800K MAC DRIVE ADAPTER) + MAC DRIVE	**£ 89.95**

MainActor Broadcast *New*

MainActor Broadcast is a completely new Animation program for any Amiga with OS2.04 or better.

- *Over 20 Load/Save modules (AVI, BMP, DL, FLI, FLC, GIF, IFF, IFF-Anim3/5/7/8/J, JPEG, PCX, QuickTime...) with AVI, QuickTime and JPEG support up to 24-bit.*
- *Index file for faster reloading of animations and playback from Hard Drive.*
- *Support for any graphics card for 24-bit as well as standard Amiga screenmodes.*
- *Effects modules to apply effects directly into the animation (Text, Scroll, Scale, Rotate..)*
- *19 Sound modules for sound/music playback incl. compressed (OctaMed, SM3) in 8 and 16 voices.*
- *Joining, Convert, Split animations and autoswitch to optimal colour depth.*
- *AREXX-Port for external control, and MacroSystems multipic.library support.*

MAINACTOR BROADCAST	**£179.95**
MAINACTOR PROFESSIONAL	**£ 49.95**

Liana

Liana is the ideal solution for a quick, easy yet efficient connection between any two Amiga`s. Simply plug the special cable into the parallel port and install the ***Envoy*** software. The software offers FileSystem import and export, network printing and multi-user support. The Liana network driver is completely SANA-II compatible.

LIANA	**£ 59.95**

Ariadne

Ariadne offers a simple but effective Network solution for any Zorro based Amiga.

- *Two extra parallel ports.*
- *The industry standard software solution* ***Envoy***.
- *10Base-2 (Thin ethernet, coax cable) and 10Base-T (Twisted pair, western jacket).*
- *Socket for a boot ROM and 32Kb CPU cache.*
- *SANA-II compatible driver for ethernet and parallel port.*

ARIADNE	**£219.95**

Picasso II Bundles

PICASSO II is the leading graphics card for any Zorro based Amiga. The Workbench emulation offers 256 colours, even on non-AGA machines (Requires OS3.1) at resolutions up to 1600x1280. Choose colour depths including HiColour (16 bit) and True Colour (24 bit). No "Chip RAM limitations" and an in-built Amiga video pass-through makes Picasso II the best value graphics card around!

Picasso II

Photogenics

PhotoGenics V1.2

To Enhance your choices, we have a variety of excellent bundles, offering fantastic value!

Picasso II Standard	Includes TVPaint Junior, MainActor, Viewers etc.	
1Mb		**£219.95**
2Mb		**£249.95**
Picasso II + TVPaint 2.0	As the Standard pack but with TVPaint 2.0.	
1Mb		**£369.95**
2Mb		**£399.95**
Picasso II Creativity	As the Standard pack but with PhotoGenics 2.1	
2Mb		**£289.95**
Picasso II Creativity Plus	As Creativity pack but includes full CyberGraphics	
2Mb		**£309.95**
Picasso II MultiMedia	As the Standard pack but with Pablo Video Encoder and MainActor Professional.	
2Mb		**£349.95**
Picasso II MultiMedia Plus	As the MultiMedia pack but with MainActorBroadast.	
2Mb		**£529.95**
CyberGraphX Software	Full release for all graphics boards	**£ 34.95**

OS3.1

Now available for ANY Amiga! The full Escom licensed OS3.1 packs will bring your Amiga up to the very latest operating system. OS3.1 is more efficient, offers more features and is becoming necessary for many high end applications.

OS3.1 A500/600/1500/2000	**£89.95**
OS3.1 A1200	**£99.95**
OS3.1 A3000	**£99.95**
OS3.1 A4000	**£99.95**

AmiTCP *New*

AmiTCP is the most popular TCP/IP implementation for the Amiga.

- *Connect your Amiga to heterogeneous networks and the Internet.*
- *Supports Network-File-System (NFS) as a client.*
- *Uses SANA-II Interface.*
- *Optimised version for 68020+ CPU included.*
- *Full English manual.*
- *Additional applications : FTP, Telnet, rsh etc.*

AmiTCP	**£ 69.95**

ATAPI + CDFS *New*

The new ATAPI/Cache CDFS package offers excellent facilities for your A4000, A1200 or A600

- *Use an ATAPI CD-ROM drive with the A4000 A1200 or A600 IDE controller.*
- *The Atapi.device is able to support up to 4 units with the A4000 and A1200 (not A600) With an additional special cable. This may be up to two hard-disks or any number of CD-Roms. This effectively adds a "second" fully operational IDE port to the system.*
- *CacheCDFS, excellent CDFileSystem software.*
- *PlayCD (audio) and CD32-Emulator.*

ATAPI + Cache CDFS + CD32	**£ 49.95**
ATAPI Software + 4-Way Cable A4000	**£ 69.95**
ATAPI Software + 4-Way Cable A1200	**£ 74.95**

A1200 Acceleration

The Viper 28 MHz 68030, Battery backed clock, 68882 co -pro, Kickstart remapping.

VIPER 28 MK II Bare	**£114.95**
VIPER 28 MK II + 2Mb RAM	**£194.95**
VIPER 28 MK II + 4Mb RAM	**£254.95**
VIPER 28 MK II + 8Mb RAM	**£389.95**
VIPER 28 MK II + 16Mb RAM	**£549.95**

The Viper 50 MHz 68030, Battery backed clock, 68882 co -pro, Kickstart remapping.

VIPER 28 MK II Bare	**£194.95**
VIPER 28 MK II + 2Mb RAM	**£274.95**
VIPER 28 MK II + 4Mb RAM	**£339.95**
VIPER 28 MK II + 8Mb RAM	**£469.95**
VIPER 28 MK II + 16Mb RAM	**£639.95**

CD ROM & Disk Drives

POWER CD ROM A600 Inc. Squirrel	**£194.95**
POWER CD ROM A1200 Inc. Squirrel	**£289.95**
POWER CD ROM A4000 Dual Speed	**£169.95**
POWER CD ROM A1200 Quad Speed	**£249.95**
POWER XL INTERNAL 1.76Mb	**£ 74.95**
POWER XL EXTERNAL 1.76 Mb	**£ 69.95**
POWER SUPER XL EXTERNAL 3.5Mb	**£119.95**

Pablo Video Encoder

PABLO is the Video Encoder option for *Picasso II*, expanding it with two additional video ports, one standard Composite Sync Signal, and one S-VHS (Y-C) compatible port. All PAL compatible video devices can be plugged into Pablo, such as a colour TV or a video recorder.

PABLO VIDEO ENCODER	**£119.95**

Amiga Computers

AMIGA™

Escom`s successful acquisition of the Amiga ha finally resulted in the emergence of new machines We can supply the full range of machines at th best possible prices. Available from October, so why not pre-order to ensure prompt delivery o release.

A4000/40
- *68040 Processor at 25MHz.*
- *2Mb Chip RAM, 4Mb Fast RAM.*
- *1.2Gb Fast SCSI-II Hard Drive.*
- *Shipped with SCALA MM-300*

£2099.95

A4000/60
- *68060 Processor at 50MHz.*
- *2Mb Chip RAM, 4Mb Fast RAM.*
- *1.2Gb Fast SCSI-II Hard Drive.*
- *Shipped with SCALA MM-300*

£2399.95

A1200
- *68020 Processor at 14MHz.*
- *2Mb Chip RAM.*

£389.95

A1200HD
- *68020 Processor at 14MHz*
- *2Mb Chip RAM.*
- *170Mb Hard Drive.*

£479.95

Best Prices on Computers Guaranteed!

Doubler 4000/40

The Doubler 4000 50 MHz 68040 accelerato delivers across-the-board speed increases for a applications and system functions, translating into significant productivity gain. This powerful "plug an play" accelerator is 100% hardware and softwar compatible, since it still uses a Motorola 6804 processor. The Doubler 400 includes an on-chip math co processor, and wi dramatically speed up an application - such as renderin - that depends on calculation SysInfo reports and increas from 18.76 MIPS of th standard A4000 to 37.72 MIP with the Doubler installed! An integral coolin system ensures that the Doubler 4000 runs coole and more reliably at 50 MHz than the origina processor.

DOUBLER 4000 50MHz 040 *New Low Price*	**£299.95**

World Construction Set *Ne*

World Construction Set is a 3-D terrain modellin and animation program that offers unlimite flexibility and control. WCS provides a wealth solutions, whether you are creating for video, pri media, commercial or scientific applications, or ju for fun.

Key-framed animation, colour-mapping, unlimite scene size, detailed ecosystem control, interacti GUI and many other features.

WCS's friendly design makes it easy to crea scenes with just the view you want. You can wo in multiple windows to lay out motion paths, adj colours and modify ecosystems all at the sa time. Camera View shows a wire frame rendering the scene of any animation frame. Solid shade ecosystem, diagnostic and animation previews c also be generated. Camera position and over other attributes can be set interactively. Ha horizon, view arc, vertical exaggeration and s position are just a few of them.

WCS requires OS 2.04 or greater, 4 Mb RAM (8 recommended). Both 68030 and '040 optimis versions are supplied.

WORLD CONSTRUCTION SET	**£119.**

Blittersoft

6 Drakes Mews, Crownhill Industry,
Milton Keynes. MK8 OER. UK.

01908 261466	Orders
01908 261477	Technical
01908 261488	Fax
01908 261499	BBS

Order by Access/Visa/Delta/Switch or Postal Order/Cheque.

No added surcharges - All prices fully inclusive of VAT.
Postage and Packing £7.00 (Next Day) £5.00 (Two Day) and £15.00 (Saturday)

Prices and specifications may change without notice. It is advisable to telephone to confirm pricing /specification/ availability before ordering. E&OE. All trademarks acknowledged. All orders subject to our terms and conditions of trading, available on request.
Hours of business 9.15am - 5.00 pm Monday-Friday

TRADE ENQUIRIES WELCOME.
e-mail : plesurf@cix.compulink.co.uk Compuserve : 100523,2224

nputers
GA™
on of the Amiga has
ce of new machines
e of machines at the
le from October, so
prompt delivery of
or at 25MHz.
, 4Mb Fast RAM.
SI-II Hard Drive.
CALA MM-300
£2099.95
or at 50MHz.
, 4Mb Fast RAM.
SI-II Hard Drive.
CALA MM-300
£2399.95
or at 14MHz.
£389.95
or at 14MHz
ive.
£479.95
rs Guaranteed!
00/40
68040 accelerator
ed increases for all
ns, translating into a
is powerful "plug and
dware and software
s a Motorola 68040
. The Doubler 4000
an on-chip math co-
r, and will
ally speed up any
- such as rendering
ends on calculations.
eports and increase
.76 MIPS of the
A4000 to 37.72 MIPS
An integral cooling
ler 4000 runs cooler
z than the original
New Low Price £299.95
tion Set New
-D terrain modelling
t offers unlimited
rovides a wealth of
ating for video, print
applications, or just
-mapping, unlimited
n control, interactive
s it easy to create
want. You can work
motion paths, adjust
ms all at the same
e frame rendering of
me. Solid shaded,
nation previews can
osition and over 20
teractively. Haze,
aggeration and sun
er, 4 Mb RAM (8 Mb
and '040 optimised
£119.95
Cheque.
ve of VAT.
00 (Saturday)
elephone to confirm
s acknowledged.
on request.
23.2224

What's on Your Aminet CD-ROM

AMIGA
MAGAZINE
CD-ROM Special Edition
November 1995
Including Aminet 7
The newest, the best and 10,000 images from the world's largest Amiga software archive
CD-ROM

Special Edition

CU AMIGA MAGAZINE

What's on your Aminet CD-ROM? What isn't on your Aminet CD-ROM! Let's face it this excellent CD has more items crammed onto it then you could possibly dream of. Both *AudioMaster IV* and the extra files for *PageStream 2.2* are included on the CD, ready to go. There's also well over 600Mb of software and data on the CD, some of which we'll draw your attention to over the next few pages.

There simply isn't enough room for us to cover everything here, so the best way to browse the whole disc is to use the Index tool. Double click the CD icon, then double click the Index icon. This calls up an AmigaGuide document with details on every file on the disc.

Archives can be extracted to RAM: or any other writeable disk you may have connected. Here's some of the highlights.

Don't Miss Aminet 8

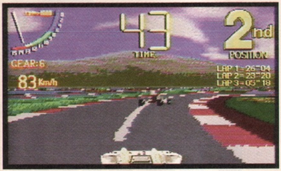
The next CD in the Aminet series is due for release any day now. Aminet 8 is an essential purchase for all CD-ROM users, and is packed full of all the latest software from the Aminet archive. Make sure you don't miss out!

Unarchiving The Files

Most of the files on the CD are archived with the popular compression system LHA. The AmigaGuide indexes have automatic archive decompression built in, making it simple for you to access the files without messing around with the Shell.

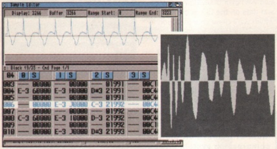
To decompress an archived group of files, open up one of the indexes, click on the highlighted text until you reach the lists of the archives. Now just click once on the name of the archive you want to decompress. The default destination for the unarchived files is the RAM: disk, and if you're happy with this, click on OK, otherwise you can change RAM: to the device of your choice. Depending on the nature of the archives, they made need to be copied to floppy disks or installed to a hard drive. Check the documents in the archive to find out.

If you run into an error during the unarchiving process, use the Prefs tool on the CD to make sure that the unarchiving tools and destinations are set correctly. If you still have problems, read the Trouble Shooting guide. Alternatively, copy the LHA file from the Tools drawer on the CD to the sys:c drawer of your hard drive and extract the file manually using LHA.



CU Amiga Magazine goodies

When you click on the icon for this month's cover CD, the window that appears will have several directories in it. Most of these are the standard drawers present on any Aminet CD but one drawer will be represented by an Icon with the CU Amiga Magazine logo. The drawer is called 'Magazine'. Opening up this drawer will show what goodies we added to the Aminet CD including *AudioMaster IV* and the extra files for *PageStream 2.2* (last month's cover disk). Inside the drawer called 'Game_Demos' resides a selection of game demonstrations. Most of these can be activated by simply clicking on the relevant icon. *Alien Breed 3D* and *Virtual Karting* can be run this way. The *Wheelspin*.DMS file needs to be unarchived, though. This will need to be done via the AmigaDOS shell with the DMS utility found elsewhere on the cover CD. *AudioMaster IV* is fully installed on the CD and can be run from here. If you want to install elsewhere, dragging the drawer would be sufficient to copy it to your hard drive. See the *AudioMaster* instructions on page 10 for more information.

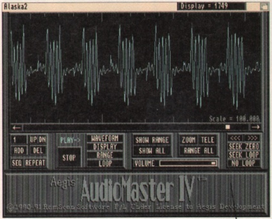


```
003 ---  00000 ---  00000 ---  01991 ---  00C1
004 E-3  60000 E-3  H0000 D#3  21991 ---  00C4
005 ---  00000 ---  00000 ---  01991 ---  00C4
006 ---  00000 E-3  J0000 C-3  21992 ---  00C4
007 ---  00000 ---  00000 ---  01992 ---  00C4
008 C-3  60000 E-3  10000 D-3  21992 ---  00C4
009 ---  00000 ---  00000 ---  01992 ---  00C1
010 ---  00000 E-3  J0000 D#3  21993 ---  00C4
```

Sound Samples and Music Modules

We are constantly asked by readers to supply more sound samples and music modules on our cover disks. Usually space constraints of floppy disks make this difficult, but this month is an absolute bonanza for music freaks. First of all, CU Amiga's resident techno head Tony Horgan has offered the ultimate gift: he's spooled off his entire sample collection onto the CD just for you! That's right, the contents of one of the most comprehensive Amiga dance sample libraries in the world, lovingly built up, pruned and polished over the past five years is now yours to keep. Forever! We're not sure what drove him to such a feat of amazing generosity, but we're not arguing with it! Unlike the samples you might find on most music CD-ROMs, these are all top quality, clear as a bell and dynamite on the dancefloor! To get a taste of what they can do when strung together into a tune, try out Tony's *OctaMED* modules, which are supplied both as ready to run executable files (just double click) and also as files for loading into *OctaMED*.

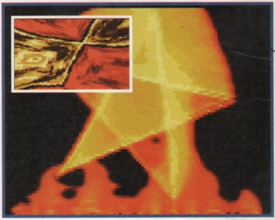
If it's tracker modules you're after, you won't be disappointed. You'll find a whole bunch of them in the Mods drawer.



PD Demos

Hours of pulsating PD demos are here too! They're arranged in eight categories: AGA, Euro, Intro, Mag, Mega, Slide, Sound and TG95. The AGA section contains demos that require the AGA chipset. Euro is home to the 'file' demos (ie. demos that are just a single file that can be run from the Workbench). Intros are small file demos, usually around 100K or less but lots of fun. The Mag drawer contains a couple of disk magazines. The Mega drawer is where you'll find demos that must be expanded onto floppies. Slide is home to a few slideshows. Sound is the place for music demos, and finally TG95 is a selection of demos from The Gathering 95 demo competition.

Many of these demos feature strobing graphics. Sufferers from Epilepsy or similar conditions are advised to be wary of these.



Disk Tools

A variety of utilities and tools are included to help you get the most from your storage devices, whether that means floppy disks, hard drives, CD-ROMs or anything else for that matter.

In the CDROM drawer you'll come across the latest version of the ATAPI device driver, which allows the connection of cheap IDE CD-ROM drives to the Amiga. In the Optim drawer there's a top disk optimiser called *ReOrg 3.1*. You can use this to rearrange the fragmented data on your hard drive or floppies, which will increase the speed at which you can read and write data. Before subjecting any device to an optimisation, make sure you have all the data backed up. If you don't have a back-up and something nasty happens during optimisation (such as a system crash) you may need to call on the talents of a program such as *Disk Salv*, which can be found in the Salv drawer of the Disk section.

88.888
K ZERO
K LOOP
LOOP
opment

n eight
95. The
o is
hat can
lly around
e of disk
must be
ound is
emos

rom

most
ard dri-

f the
D-ROM
niser
data on
ch you
misation,
ack-up
stem
Disk

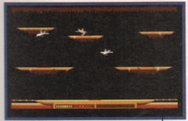
Games

So you want games too? No problem. Lurking in the Games drawer are hundreds of ways to make your day more fun.

Whether it's arcade action, brain-teasing puzzlers, two-player mayhem or role playing adventures you're after, you'll find something here to satisfy.

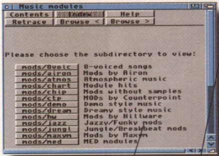
It's also worth snooping around in the Demo drawer, where you'll find demos of commercial games including all the current Doom clones, along with a demo of Bubble Gun amongst others.

Space cadets should take a look at the Shoot drawer, which contains such gems as *Deluxe Galaga 2.5*, *Scorched Tanks 1.85*, *Zombies 2* and *Xasteroids*.



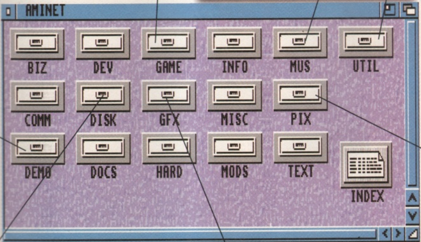
Music

Musicians are catered for too, logically in the Music drawer. The Edit section contains a number of music creation and editing tools, including a tracker, a sound effects creator and editor, a tool that can read audio data directly from music CDs (requires a Mac-compatible CD-ROM), sample editing software and more. For music module fans there's a good selection of module players, including *DeliTracker*, *PowerPlayer* and *Hippo Player*. The Misc draw is an Aladdin's cave of tools and software for sound freaks, and includes a four channel 8-bit hard disk recording package, an algorithmic music generator, rippers, convertors and more besides.



Please choose the subdirectory to view:

mods/8voic	8-voiced songs
mods/airon	Mods by Airon
mods/atmos	Atmospheric music
mods/chart	Module hits
mods/chip	Mods without samples
mods/ctp	MODs by Counterpoint
mods/demo	Demo style music
mods/dream	Dreamy style music
mods/hw	Mods by Hillware
mods/jazz	Jazzy/Funky mods
mods/jungl	Jungle/Breakbeat mods
mods/maxym	Mods by Maxym
mods/med	MED modules



Utilities

Probably the most useful drawer for most Amiga users will be the Util section. Here you can find the latest versions of just about any Amiga utility you could ask for. They're organised into neat drawers depending on their functions. so it's very easy to find your way around. If you've heard about a rather good utility recently, the chances are that you'll find it here.

Images

This CD is also a brilliant source of high resolution images. The Pix drawer is home to some of the sharpest and most stunning images you'll have ever seen on your Amiga screen.

Most are stored in 24-bit JPEG format, and can be viewed with utilities such as *ViewTek*. To convert them to lower resolutions or reduce the amount of colours, you can either use some of the tools in the GFX/Conv drawer, or load them into programs such as *Image FX*, *AdPro* and *Photogenics*.

Due to the large size of many of the pictures, it won't be possible to view them all on a 2Mb Amiga.

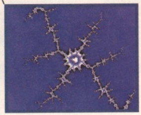
Check out the Fauna and Views drawers especially for some of the most spectacular images. The two zebras shown frolicking about in the picture above is just one of the many examples of what can be found here. Aren't they lovely and cute? Ahhh. (Back to work_Ed)

Graphics Software

If you're into rendering your own graphics, you'll love the software in the GFX drawer. In the 3D section you'll find the 3D ray-tracing program C-Light, and Dust 2.02 which has some clever tricks up its sleeve involving morphing, particles and waves. *Texture Studio* is also there for anyone who wants to render their own textures for use in *Imagine*.

Fractal generators can be found in the Fract drawer. Mandel 92 is a nice tool for drawing fractal patterns – just drag out an area of the pattern as it's drawn, press the space bar and watch the pretty patterns appear before you.

A host of graphics file convertors are filed in the Conv draw, including *AutoPeg 1.55*, *GFX Con*, *GFX Lab 24*, *GFX Master*, *GIF Trans*, *Image Studio* and many more. Graphics viewers are also in abundance, sitting in the Show drawer of the GFX area. These are various utilities for viewing JPEGs, GIFs and MPEG movies, along with the extremely handy *ViewTek*, plus some tools for 24-bit graphics cards.



And The Rest ...

That's just a taste of what's on this month's incredible Aminet CD-ROM. There's just isn't enough space to document the entire contents within these pages, so the best thing to do is take a look at the slick AmigaGuide Index in the main CD drawer. This has details of everything on the disc, and is easy to use. You can access and unpack most of the files direct from the Index too. If you're after something in particular and you don't fancy looking through the disc by hand, use the Find tool. Enter the file you're looking for, or just the first few letters, and you'll be told if anything matching that is contained on the CD, and if so where it is and what it is.

POST HASTE

11a, Burgate Lane, Canterbury, Kent. CT1 2HH

TRY US.. WE LIVE UP TO OUR NAME.. RING NOW!!!

TEL.01227-764204 9.30am to 7.00pm

(Answerphone outside normal hours)

SOFTWARE

Some of the following games titles are limited offers at the time of going to press. Order early to avoid disappointment. We stock all the latest titles which we offer at

30% OFF

R.R.P.

EDUCATIONAL

10/10 Early Essentials	17.99
10/10 Essential Maths	17.99
10/10 Junior Essentials	17.99
10/10 Maths (Number)	17.99
10/10 Maths (Algebra)	17.99
10/10 Maths (Statistics)	17.99
10/10 English	17.99
10/10 Structured Spelling	17.99
10/10 French	17.99
10/10 German	17.99
10/10 Dinosaurs	17.99
10/10 Driving Test	17.99
ADIEnglish(11/12or12/13)	16.99
ADIEnglish(13/14or14/15)	16.99
ADIEnglish GCSE	22.99
ADIFrench(11/12or12/13)	16.99
ADIFrench(13/14or14/15)	16.99
ADIFrench GCSE	22.99
ADIMaths(11/12or12/13)	16.99
ADIMaths(13/14or14/15)	16.99
ADIMaths GCSE	22.99
ADIJunior Counting(4/5)	13.99
ADIJunior Reading(4/5)	13.99
ADIJunior Reading(6/7)	13.99
Better Maths (12-16)	13.49
Cave Maze	10.99
Fraction Goblins	10.99
FunSchool2(2-6,6-8,or8+)	6.99
FunSchool3(2-5,5-7,or7+)	13.99
FunSchool4(2-5,5-7,or7+)	16.99
FunSchool Maths 7-11	16.99
FunSchool Paint+Create	16.99
FunSchool Spelling 7+	16.99
Kid Pix (Paint Package)	9.99
Maths Dragons	10.99
Maths Mania (over 8)	13.49
Mavis Beacon Typing 2	19.99

Triple Action 1
Deuteros
Hammer Boy
Battle Valley
£9.99

Triple Action 3
Titus the Fox
Ghostbusters2
Targhan
£9.99

Triple Action 4
Blues Brothers
Satan
Maya
£9.99

Triple Action5
Crazy Cars 3
Battletech
GrandPrixMaster
£9.99

AwardWinners2
SensibleSocc.93
J.WhiteSnooker
Elite and Zool.
Only £9.99

ISHAR Trilogy
Ishar 1
Ishar 2
Ishar 3
£16.99

Mega Maths	16.99
Micro English	16.99
Micro French	16.99
Micro German	16.99
Micro Maths	16.99
Micro Science	16.99
Micro Spanish	16.99
Noddy's Playtime	16.99
Noddy's Big Adventure	16.99
Paint Me a Story	14.99
Picture Fractions	10.99
Reasoning With Trolls	10.99
Sootys Fun Nos.(Not1200)	7.99
Telling The Time	10.99
Thomas Fun Words	7.99
Tidy The House	10.99
Time Flies	10.99
DISTANT SUNS V5(HD)	22.99

GAMES

A-Train + Constr. Set	11.99
A10 Tank Killer	11.99
Action Stations	4.99
Addams Family	7.99
Air Bucks 1.2	10.99
Alfred Chicken	9.99
Alien Breed 92	7.99
Another World	9.99
Arabian Nights	7.99
Arcade Pool	7.99
Archer Mcleans Pool	10.99
Ashes of the Empire	7.99
Assassin (Special Ed.)	7.99
B17 Flying Fortress	11.99
Battle for the Ashes	7.99
Beneath A Steel Sky	12.99
Birds of Prey	10.99
Black Crypt	9.99
Blasteroids	4.99
Blitzkreig - War Game	7.99
Body Blows	9.99
Brutal Sports Football	7.99
Bubba'n'Stix	4.99
Bump'n'Burn	9.99
Cadaver + Add-on	10.99
Campaign	10.99
Campaign 2	10.99
Cannon Fodder	10.99
Caesar Deluxe	10.99
Carrier Command	4.99
Chuck Rock 2	7.99
Colossus Chess X(Not A12)	4.99
COOL SPOT	7.99
Cricket 94/95 Data Disk	7.99
Crystal Dragon	9.99
Cruise for a Corpse	9.99
Curse of Enchantia	7.99
Darkseed	10.99
Deluxe Strip Poker 2	7.99
Desert Strike	9.99
Disposable Heroes	7.99
Dogfight	11.99
Dune	9.99
Dune 2	10.99
E-Motion	4.99
Elite	11.99
EPIC	10.99
European Champions	4.99
Eye of Beholder 1 or 2	11.99
F15 Strike Eagle 2	11.99
F19 Stealth Fighter	11.99
F29 Retaliator (Not A600)	9.99
F117A Nighthawk	11.99
Fantastic Dizzy	9.99
Fields of Glory	11.99
Final Over Arcade Cricket	9.99
Flashback	11.99
Football Director 2	4.99
Football Glory	12.99
Genesia	9.99
Global Gladiators	7.99
Graham Gooches Cricket	9.99
GRAND PRIX (Microprose)	11.99
GUNSHIP 2000	11.99
Heart Of China	10.99
Heimdell (Not 1200)	4.99
Heimdell 2 (Not 1200)	9.99
Hero Quest (Not A1200)	4.99
Hero Quest 2 (Soracil)	7.99
Hoyles Games 1,2 or 3	9.99
Indianapolis 500	9.99

Any 3 titles £4.99 or less for £10.00
Any 3 titles £7.99 or less for £20.00
Any 3 titles £9.99 or less for £25.00

Indy Jones Fate Atlantis	11.99	Robocod (JamesPond2)	4.99
Indy Jones LC-Action	4.99	Rome A.D.92	10.99
Indy Jones+L.C.Gr.Adv	9.99	Rubicon	4.99
Ishar 2	10.99	Rugby '95	9.99
Jaguar XJ220	4.99	Second Samurai(Not 1200)	7.99
James Pond(Not 1200)	4.99	Seek and Destroy	7.99
JETSTRIKE	9.99	Sensible Soccer 92/93	7.99
Jimmy White Snooker	9.99	**Shadow Fighter**	9.99
John Madden Am.Footbal	9.99	Shadoworlds (Not A1200)	7.99
Jungle Strike	12.99	Shuttle	10.99
Jurassic Park	10.99	Silent Service 2	11.99
K240	9.99	Sim City Classic	9.99
KGB	10.99	SIM LIFE (1.5 MB)	7.99
Kingpin Bowling	9.99	Simon the sorceror	14.99
Kings Quest 1 or 2	9.99	Skidmarks	12.99
Kings Quest 3, 4 or 5	11.99	Space Crusade Data	6.99
Knights of the Sky	11.99	Space Hulk	10.99
Leander (psygnosis)	7.99	Space Quest 1 or 4	11.99
Legend of Kyrandia	11.99	Space Quest 2	9.99
Legends of Valour	9.99	Speedball	4.99
Leisure Suit Larry1 or 2	9.99	Speedball 2	7.99
Leisure Suit Larry 3	11.99	Streetfighter	4.99
Linx Golf (2 drives)	11.99	Streetfighter 2	10.99
Lombard RAC Rally	6.99	Stunt Car Racer	4.99
Lotus Turbo Chall1(NotA12)	4.99	Supremacy	9.99
Lure of the Temptress	10.99	Switchblade 2(Not A1200)	4.99
Manhunter in New York	9.99	Swiv (Not A1200)	4.99
Megatraveler 1 or 2	10.99	Syndicate	9.99
Mig 29 Superfulcrum	10.99	Tactical Manager(GB,IT,SC)	7.99
Monkey Island	10.99	Tactical manager 2	12.99

TOP TITLES SPECIALS

ATR Racer, Champ.Man.Italia'95, Death Mask, RuffnTumble, Scrabble, Turbo Trax, Virocop. *£16.99 EACH*

7th.Sword Mendor, A320 Approach Trainer, Bloodnet, Cannon Fodder2, Cricket Masters, Dragonstone, Elite2, F1 Champion, F1 Masters, Football Masters, Mortal Kombat2, On The Ball (League), Overlord, Sensible Golf), Sensible World Of Soccer, Skidmarks 2, Stable Master, SuperLeague Manager, Ultimater Soccer Manager............ *£19.99 EACH*

Man.Utd.Double, U F O............................ *£21.99 EACH*

Ben'Steel Sky, Colonization, DawnPatrol, Dreadnaughts Plus, Dreamweb, FIFA Soccer, High Seas Trader, Lords of the Realm, Robinsons Requiem, Reunion, SuperStreetfighter2, ThemePark................. *£22.99 EACH*

Monkey Island 2	11.99	Team Yankee	11.99
MORPH	7.99	Tennis Cup 2	4.99
MORTAL KOMBAT	7.99	THE CLUE	9.99
MR. NUTZ	7.99	The Games Espagna	9.99
Multiplayer Soccer Manage	4.99	The Patrician	11.99
North & South (Not A12)	7.99	Their Finest Hour	10.99
Operation Stealth	9.99	Their Finest Missions	7.99
Outrun (Not A1200)	4.99	Thunderblade	4.99
Pacific Islands	10.99	Thunderhawk	4.99
PGA European Golf	12.99	Topgear 2	9.99
PGA Tour Golf	10.99	Total Carnage	6.99
Pinball Magic	7.99	Tower Assault-Alien Breed	13.99
Pirates	9.99	Trivial Pursuit	6.99
PLAYER MANAGER 2	13.99	Turrican 3	7.99
Police Quest 1, 2 or 3	10.99	Ultimate Golf (Not A1200)	4.99
Populous + Lands	10.99	UNIVERSE	11.99
Populous 2	9.99	Uridium 2	7.99
Powermonger+Editor	9.99	Utopia (Not A1200)	4.99
PP Hammer	4.99	Valhalla Before The War	12.99
Premier Manager 2	7.99	Video Kid	7.99
Premier Manager 3	12.99	War in the Gulf	11.99
Prem.Man3 Multi-Edit	10.99	White Death - War Game	7.99
Prince of Persia	6.99	Wing Commander	9.99
Railroad Tycoon	11.99	Wiz'n'Liz	7.99
Rainbow Islands	6.99	Wonderdog	4.99
Realms	9.99	World Class Cricket(Gooch)	9.99
Reach for the Skies	10.99	World Class L'Board Golf	4.99
Red Baron	10.99	WWF Wrestlemania	7.99
Rick Dangerous	4.99	**XENON (Special Price)**	1.99
Rick Dangerous 2	4.99	Xenon 2	4.99
Road Rash	8.99	Yo! Joe!	9.99
Robocop 3	9.99		

All Prices Include Delivery To Your Door.

AMIGA FORMAT NOVEMBER ORDER FORM

Name____________________
Address____________________
Tel.No.
Cheque/Credit No.
Expiry Date. Description of
Customer Ref.No. Machine
Titles

SERIOUS

VIDEO & MULTIMEDIA	
Adorage	54.99
Big Altern. Scroller 2	54.99
Broadcast Titler 2	149.99
Scala HT100	39.99
Scala 300M	309.99
WORDPROCESSING	
Final Copy II V2	54.99
Final Writer V3	77.99
Penpal	29.99
Wordworth 3.1 SE	44.99
Wordworth 3A	99.99
DATABASE	
Datastore	52.99
Infofile	9.99
SPREADSHEET	
Turbo Valc V2.0	59.99
Maxiplan V4	22.99
Pro Calc	79.99
INTEGRATED (WP/SS/DB)	
Mini Office	37.99
Gold Disk Office	49.99
DESKTOP PUBLISHING	
Pagestream 3	194.99
CAD	
X-CAD 2000 (Unboxed)	24.99
X-CAD 3D	299.99
X-CAD Professional	89.99
ACCOUNTS	
Money Matters	34.99
Cashbook/Final Accounts	42.99
GRAPHICS	
Deluxe Paint IV AGA	64.99
Brilliance 2	49.99
Spectracolor	54.99
ProFills	24.99
Art Department Pro 2.15	129.99
Morph Plus	139.99
Photogenics	44.99
Pixle 3D Pro V2	109.99
3D MODELLING & RENDERING	
Lightwave 3D	399.99
4D-Professional	199.99
Sculpt 3DXL	49.99
Sculpt Animate 4D	99.99
Vista Professional V3	23.99
Vista Lite	23.99
Makepath(Vista Pro)	9.99
TerraForma(Vista Pro)	9.99
Imagine 3 SPECIAL	119.99
Essence 1 or Essence 2	64.99
Real 3D Pro/Turbo V2	319.99
Real 3D Classic	67.99
PROGRAMMING	
Devpac 3	49.99
Hisoft Pascal	74.99
Hisoft Basic V2	64.99
Gamesmith	69.99
MUSIC	
Bars & Pipes Pro 2	199.99
Megalosound Sampler	26.99
Technosound Samples V2	34.99
Midi Interface + Lead	19.99
Midi Interface-Power	14.99
MISCELLANEOUS	
PC Task V3	54.99
Dir. Works 2	49.99

ADVANCE BOOKINGS

We accept advance orders for new releases. You can order with peace of mind as we will despatch on day of release. Your account will not be debited until date of release.

Disk Expander	29.99
GB Route Plus V2	34.99
Video Back-up	49.99
Icon Paint	7.99
Maxxon Magic	22.99
BOOKS	
Amiga 1200 Insider Guide	12.99
Amiga 1200 Next Steps	12.99
Amiga Assembler Insider	12.99
Amiga Disks & Drives	12.99
Assembler Insider Guide	12.99
Mastering Amiga Arrex	17.99
Mastering Amiga AMOS	15.99
Mastering AmigaDos3	15.99
Mastering Amiga Printers	15.99

HARDWARE

Amitek 2MB Hawk Board	129
Amitek 4MB Hawk Board	189
Viper 030 Accelerator	129
120MB HD 2 1/2 A600/A1200	99
170MB HD 2 1/2 A600/A1200	119
340MB HD 2 1/2 A600/A1200	159
510MB HD 2 1/2 A600/A1200	249
540 MB HD 3 1/2 IDE	159
3 1/2" to 2 1/2" Cable	19
Amitek 3,5" External Drive	55
A500 3.5" Internal Drive	39
A600 1Mb Upgrade	38
A500 Plus 1Mb upgrade	35
A500 512k Ram (no clock)	20
A500 512k Ram + clock	25
1 Mbyte 30 pin Simms	34
4 Mbyte 72 pin Simms	129
Rombo Vidi 12 Pack	69
Logitech KIDZ Mouse	10
MegaMouse (Microswitched)	12
Mouse Mat	2

CombatClassics3
Gunship 2000
History Line
Campaign
£23.99

MONSTERPack
Beast 2.
Killing Game Show
Awesome
£9.99

Team 17
Superfrog
Body Blows
Overdrive
£19.99

The Greatest
J.WhiteSnooker
Dune
Lure Temptress
£19.99

AwardWinners3
FrontierElite2
Civilization
Lemmings
£23.99

Beau Jolly
Cannon Fodder
Settlers, T2,
Chaos Engine
£24.99

50 Blank Disks	17
MONITORS	
Philips 8833 MK2	199
PRINTERS	
(Inc. lead+Amiga Printer Driver)	
Star LC90 Mono	99
Star LC24-30 Colour	199
Citizen ABC-24 Colour	169
Citizen Swift 90 Colour	169
Citizen Swift 240 Colour	229
Canon Bubblejet Portable	189
Canon BJ200EX Mono	249
Canon BJ230 Mono	299
Canon BJC4000 Colour	299
Epson Stylus Colour Inkjet	429
HP Deskjet540 Colour	279
HP Deskjet660 Colour	399
HP Deskjet320 Col.Portable	269
Panasonic Laser 6100	349

CD32 SOFTWARE

Alien Breed 3D	19.99	Kid Chaos	17.99
Arabian Nights	7.99	Kingpin Bowling	10.99
Arcade Pool	10.99	Legacy of Sorasil	17.99
Banshee	9.99	Lost Eden	19.99
Beneath Steel Sky	19.99	Morph	4.99
Brutal	19.99	PGA Euro.Tour	12.99
Bubba and Stix	9.99	Premiere	9.99
Cannon Fodder	20.99	Pinball Illusions	22.99
Chuck Rock 1	9.99	Road Kill	11.99
Chuck Rock 2	9.99	Sensible Soccer Int'l	16.99
Darkseed	19.99	Shadow Fighter	12.99
Death Mask	22.99	Skeleton Crew	9.99
Dragonstone	19.99	Speedball 2	10.99
Exile	19.99	Subwars 2050	21.99
Fields of Glory	21.99	Super Skidmarks	19.99
Final Over Arc. Cricket	10.99	Super Stardust	19.99
First Encounters	19.99	Super Streetfighter 2	22.99
Frontier Elite 2	19.99	Superfrog	6.99
Gloom	17.99	Syndicate	22.99
Guardian	11.99	Theme Park	24.99
Gunship 2000	21.99	The Clue	21.99
Heimdell 2	9.99	Top Gear 2	12.99
Humans 1 and 2	22.99	Tower Assault	19.99
James Pond 2	4.99	Trolls	7.99
John Barnes Football	4.99	U.F.O.	21.99
Jungle Strike	12.99	Universe	9.99
		Ultimate Body Blows	9.99
		Video Creator	24.99

VISA, MASTERCARD, EUROCARD, P.O. are despatched same day! Please allow 4 working days for cheques to clear. CHEQUES/P.O. payable to POST HASTE, 11a, Burgate Lane, Canterbury, Kent.CT12HH.Overseas Orders add £2.00 postage for Software. Hardware-overseas postage charged at cost. Prices are subject to alteration.

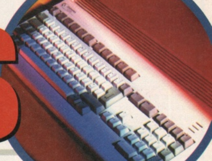
A1200 SOFTWARE

Air Bucks 1.2	10.99	PGA European	17.99
Aladdin	19.99	Pinball Fantasies	9.99
ALFRED CHICKEN	9.99	Pinball Illusions	19.99
Alien Breed 3D	19.99	Premier Manager 3	16.99
Banshee	9.99	Reunion	22.99
Bloodnet	22.99	Road Kill	11.99
Body Blows AGA	8.99	Robinsons Requiem	21.99
CHAOS ENGINE	7.99	Robocod	7.99
Civilisation	12.99	SABRE TEAM	9.99
Detroit AGA	22.99	Shadow Fighter	14.99
Dungeon Master 2	22.99	Simon Sorceror	23.99
Exile	19.99	Soccer Kid	9.99
Fields of Glory	11.99	Star Trek (Hard Disk)	22.99
Football Glory	12.99	Subwar 2050	11.99
Gloom	17.99	SuperLeague Manager	19.99
Guardian	11.99	Super Stardust	19.99
Gunship 2000	19.99	Super Streetfighter 2	22.99
Int'l Open Golf Champ.	9.99	T.F.X.	25.99
Jungle Strike	17.99	Top Gear 2	16.99
Lion King	12.99	Theme Park	22.99
Lords of the Realm	22.99	TORNADO	12.99
Morph AGA	7.99	Tower of Souls	14.99
Overkill	13.99	UFO	24.99
		Ultimate Soc.Manager	19.99

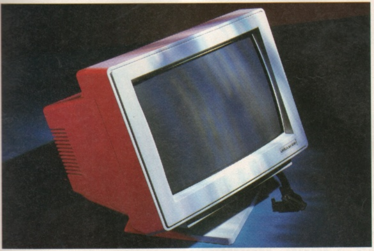
You name it!...We do it!...Just phone and we'll quote!
WE STOCK ATARI ST, IBM/PC, CDROM, MAC, SNES.
WE STOCK SEGA, LYNX, JAGUAR, 3DO, C64 CARTS.
MAIL & TELEPHONE ORDERS ONLY!.......
NO PERSONAL CALLERS!
Allow up to 10 days delivery Out of Stock items.
All trade subject to our terms & conditions available o/r.
+++++ FAX TEL.NO. 01227 764700 +++++

BOOKINGS
ance orders
es. You can
e of mind as
ch on day of
account will
until date of
se.
29.99
34.99
49.99
7.99
22.99
r Guide 12.99
Steps 12.99
nsider 12.99
ves 12.99
Guide 12.99
rrex 17.99
MOS 15.99
os3 15.99
rinters 15.99
VARE
Board 129
Board 189
tor 129
600/A1200 99
600/A1200 119
600/A1200 159
600/A1200 249
DE 159
le 19
l Drive 55
Drive 39
38
rade 35
clock) 20
lock 25
ms 34
ms 129
69
e 10
witched) 12
2
ONSTERPack
Beast 2
ng Game Show
Awesome
£9.99
e Greatest
WhiteSnooker
Dune
e Temptress
£19.99
eau Jolly
anon Fodder
ettlers, T2,
aos Engine
£24.99
17
199
ter Driver)
99
199
r 169
ir 169
our 229
able 189
249
299
r 299
nkjet 429
279
399
rtable 269
349
17.99
9.99
19.99
16.99
22.99
11.99
n 21.99
7.99
9.99
14.99
23.99
9.99
k) 22.99
11.99
ger 19.99
19.99
2 22.99
25.99
16.99
22.99
12.99
14.99
24.99
er 19.99
ote!
NES.
RTS.
le o/r.

News



Monitor For Success?



▲ The new Amiga monitor arrived in this month. Equipped with twin speakers it's based on the MicroVitec 1438. How good is it? You'll have to wait, we'll have a full review of it next month.

Final Calc From Softwood Arrives

After months spent shrouded in secrecy Softwood's brand new spreadsheet package has finally been released and CU Amiga Magazine can reveal that it looks absolutely superb. Although too late for review this issue a quick demonstration by its author, Khalid Aldoseri, a Bahraini businessman, followed by some hours examination was enough to hint that this package could become the best on the Amiga.

Central to its usefulness is file transfer compatibility to and from Lotus 123 and the most powerful 2D and 3D graph renderer we have yet seen. Very useful for presentations. Mr Aldoseri has been working on it in parallel to running his business for over five years and he reckons he has come up with the most complete and easy to use spreadsheet package ever. Likely to retail for around the £100 mark with a very detailed manual, we'll find out just how hot it is next month.

Cinema 4D Update

Shortly after this month's exclusive review of *Cinema 4D* went to press, HiSoft announced that the next version, 2.1, would be available by the time the package goes on sale. Alterations will include multiple cameras and improvements to areas such as sequencing, cameras, animation, key frames, effects, object hierarchies and the editor itself.

The most important addition, however, is the next version of the Castillian 3D object converter which has been renamed to MagicLink 3 'Lite'. Essentially the same as Castillian reviewed in this issue, MagicLink 3 adds support for *LightWave, Caligari* and *Real 3D* objects as well as improved AutoCAD DXF support.

MagicLink will be also be sold separately for £49.95 offering additional features such as thumbnail image creation support, enhanced texture conversion, file format previews and more. Contact HiSoft on 01525-718181 for more information.

The updated Cinema 4D will include support for LightWave, Caligari and Real 3D.

Italian Amiga Conference

On November 18, the IPISA or 'Italian Programmers' meeting for Amiga Development' will assemble at the Conference hall of the Centro University ISU in Milan. The conference features speeches by leading Italian Amiga developers and the attendants will receive documentation, floppy disks and an IPISA'95 CD-ROM. The fee is US $35 and the same for a printed set of Conference Proceedings via air mail. Attendants will need to book before November the 1st. For more information E-Mail Sergio Ruocco on ruocco@ dsi.unimi.it or write to him at Sergio Ruocco, Via Di Vittoria 4, I-20019 Settimo Milanese.

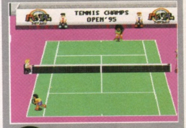
Fourth Level Give Free WWW Pages

The UK based Amiga developers, Fourth Level Developments, distributors of the *Ami-FileSafe* package and *Dice 3.0*, are to become a provider on the Internet. Of No.1 interest to Amiga users is their generous new offer of a free WWW page on their Amiga run servers for all Amiga developers and authors. The latter qualify if a significant program of their creation is present on the Aminet archive. The free pages will be used to create a directory of developers and authors containing personal information rather than advertisements of their software. If you're on the Internet, why not drop in and see who's there at www.flevel.co.uk/amiga/programmers and www.flevel.co.uk/amiga/developers.

Connect Your Amiga!
A Guide to the Internet, LANs, BBSs and Online Services
Dale L. Larson
Intangible Assets Manufacturing

Fourth Level have also become the UK distributors of Intangible Assets Manufacturing. This means they'll distribute the Envoy networking software, *DiskSalv 3, DiskSalv AFS,* the excellent 'Connect your Amiga!'(£11.99) Comms book and the famous 'Commodore Death Bed Vigil' (£TBA) video filmed by Dave Haynie. For more information tel: 0117 985 4455.

Super Tennis?



I'm sure I've seen this one before before. Even the name sounds familiar. Oh yeah! *Super Tennis* on the Super Nintendo. 'Best tennis game ever' according to Andy McVittie, editor of Nintendo Magazine System who inhabit the dark, back end of our office. But this game is called *Super Tennis Champs*, it's on the Amiga and it came to us in a brown paper envelope from Audiogenic software. Not due for release for a couple of months, not even ready for preview at the moment, what was available was very promising.

The game allows you to select players for singles or doubles matches from a variety of nationalities and both sexes. The sprites are cartoon-like, in a very Japanese way, and control will be via one or two button joysticks or a six-button controller. No prizes for predicting which is likely to be the best fun to play with. Watch out for this one.

White Knight Amiga 'Clone' Dealers

White Knight Technology, the Hertfordshire based high-end Amiga specialist, have been appointed the official UK distributor for the German MacroSystems product range. These products include the real time JPEG video editing VLab Motion card, the Toccata 16-bit 4 track, stereo direct-to-disk sound sampler and the Retina 24-bit graphics cards.

Having installed a new demonstration suite in their Hertfordshire headquarters, White Knight are inviting customers to request a full demonstration of any of their product range by booking in advance.

White Knight will also retail the MacroSystems Draco. This is a 68060 based computer which runs the Amiga's operating system without the Amiga custom hardware. This machine includes the Retina BLT Z3 graphics board for the display, SCSI capability and a CD-ROM drive as standard.

An upgrade to the Dec Alpha AXP is planned for acceleration the Amiga platform has never witnessed before. Also a 32-bit VLab motion to interface direct to the Draco's CPU will be offered. This will mean greater picture quality in real terms will less JPEG compression being needed.

Interested parties should call White Knight on 01920 822321 for further information and prices.

Wonder Computers Expands

One of the largest Amiga-only companies on the North American continent, Wonder Computers Inc, announced an expansion of their corporate headquarters and the addition of a multimedia dealership to their company.

Wonder Computers has also added a new product development team known as Lazarus Engineering. This new team will work on Wonder's packages such as Flow, Quickwrite and DesignWorks to be bring them up to date with the latest generation of the AmigaOS.

In a surprise move Wonder Computers also announced the employment of CU Amiga Magazine's regular Stateside contributor Jason Compton as Promotional Director. Jason Compton reassured the Amiga community that he will continue to publish his famous Amiga Report electronic magazine.

Maplin Computer Brochure

Electronics distributor Maplin, whose catalogues have been compared to BR train timetables have launched a new guide specifically for computers. Looking at it, there's seems to be very little of use for Amiga users but anyone who uses SCSI peripherals or also has access to a PC or Mac may find it useful. They aim to bring out three of these catalogues per year and if you hassle them enough they might even include Amiga stuff.

Oops!

The 'ICS Multimedia Station' review in last months issue unfortunately contained the wrong telephone number for ICS. The correct number is 01474 335294. Rest assured that the offending member of staff has had their luncheon vouchers revoked for the month.

Termite 1.1 Released

The commercial communications terminal package, Termite, has been updated by US based Oregon Research. Now in version 1.1 this powerful communications package includes new additions such as built in Z-Modem transfers, improved ANSI emulation, jump scrolling for speed, enhanced dialler and a multitasking review buffer.

The update is available with a new manual for £10.00 or £7.50 without the new manual. A full review of the new version will feature in next month's CU Amiga Magazine. Telephone HiSoft on 01525 718181 for more information.

uters

mpanies
Wonder
pansion
d the
p to

lded a new
as
m will
as Flow,
e bring
neration of

nputers
f CU
e contrib-
al Director.
iga com-
blish his
nagazine.

ter

se cata-
train
uide
at it,
se for
SCSI
PC or
o bring
ear and if
t even

in last
ed the
he
est
of staff
voked for

rminal
by US
sion 1.1
ge
in Z-
nulation,
dialler

manual
manual. A
ture in
lephone
rmation.

EMERALD
Creative Technology

AMIGA HARDWARE

Item	Price
Video	
Squirrel SCSI interface	£59.95
Pro Grab 24RT SHVS **New Version**	£125.95
24 Bit Real-Time Colour Frame Grabbing	
Rendale 8802 Genlock	£159.95
Rendale 9402 SVHS	£279.95
Vidi Amiga 12 AGA	£64.95
Vidi 24 RT	£149.95
Vidi 24 Pro RT	£209.95
Ram Cards	
A500 with 0.5Mb	£14.95
A500+ with 1Mb	£19.95
A600 with 1Mb	£24.95
A600 with 1Mb & clock	£32.95
A1200 unpopulated	£59.95
A1200 with 2Mb	£129.95
A1200 with 4Mb	£179.95
A1200 with 8Mb	£299.95
Modems	
X-Link 14.4k Fax & Data Modem	£129.95
X-Link 28.8k Fax & Data Modem	£232.95
X-Link 14.4k Modem with GP Fax	£169.95
X-Link 28.8k Modem with GP Fax	£272.95
All Modems Are BT Approved	
Disk Drives	
A500 Internal Floppy Drive	£35.95
A600 & A1200 Internal Floppy Drive	£38.95
Quad Speed CD Rom Drive for A600 & A1200 with SCSI Interface	£299.95
2.5" 340Mb Internal IDE Hard drive for A1200 and A600	£169.95
2.5" 510Mb Internal IDE Hard drive for A1200 and A600	£249.95
2.5" IDE Cable	£8.95
All Hard Drives Come With Installation Software	
Other	
Naksha Greyscale Hand Scanner for Amiga 500 and 500+	£59.95
Tabby Graphics Tablet	£57.95

DESKTOP MUSIC

Item	Price
Bars&Pipes Pro v2.5	£199.95
Upgrade - v2 to v2.5	£79.95
Upgrade - coverdisk to v2.5	£149.95
Internal Sounds Kit	£24.99
Multimedia Toolkit	£24.99
Peformance Tools Kit	£29.99
Power Tools Kit	£29.99
Pro Studio Kit	£29.95
Rules for Tools	£29.99
PatchMeister	£79.95
SuperJAM! 1.1+	£59.95
SyncPro SMPTE Box	£151.95
Triple Play Plus	£159.95
Aura 12 bit Sampler	£79.95
Megalosound Sampler	£23.95
Music X 2	£49.95
Pro Midi Interface	£19.95
Technosound Turbo 2 Pro **New**	£25.95

Special Offer

For a limited period only we're offering **Music X v2** and a **Microdeal Pro Midi interface** for just **£64.95**, a saving of £5 over the usual prices !

Special Offer

Bars & Pipes v1 Manuals - the perfect companion for your cover disk ! Just £29.95

Special Offer

GRAPHICS

Imagine 3
Rolling Upgrade program Includes Imagine 3.1 to 4 ! You must have Imagine 3 to qualify.
3.1 - 3.3 in stock now.
£99.95

Item	Price
3D & Rendering	
Vista Pro 3.0	£27.95
Vista Lite	£24.95
Makepath for Vista	£9.95
Terraform for Vista	£9.95
Imagine 3.0	£99.95
Caligari 24	£89.95
Caligari Broadcast v3.1	£249.99
Essence vol 1 + Forge	£79.95
Essence vol 2 + Forge	£79.95
Pixel 3D Pro II	£94.95
Real 3D Classic	£59.95
Real 3D v3	£319.95
Real 3D 2.4 to 3 upgrade	£166.95
Image Processing	
Art Department Professional v2.5	£139.00
Epson GT6500 Scanner Software	£89.95
ASDG Pro Control	£50.95
Morph Plus	£129.95
Image FX 2 (AF 95% !!!)	£184.95
DataChrome**New**	£29.95
CAD	
X-CAD 2000	£22.95
X-CAD 2000 AEC **New**	£49.95
Includes Architectural Symbol Libraries	
X-CAD 3000	£119.95
X-CAD 3000 AEC **New**	£178.95
Includes Architectural Symbol Libraries	
Painting	
Pro Vector 3 **New**	£174.95
DPaint 5	£59.95
Personal Paint 6.3 **New Version**	£49.95
Photogenics	£49.95
TV Paint 3	£329.95
Brilliance 2	£45.95

BOOKS & VIDEOS

Item	Price
Books	
Amiga Total! Workbench **New**	£19.95
Amiga Total! Dos **New**	£21.95
Amiga Total! Assembler **New**	£21.95
Amiga Total! Beginners **New**	£19.95
Amiga Basic - A Dabhand Guide	£17.95
Mastering Amiga Programming Secrets	£19.95
Secrets of Frontier Elite	£8.95
Secrets of Sim City 2000	£9.95
A1200 Insider Guide	£12.95
A1200 Next Steps	£12.95
Amiga Disks & Drives Insider Guide	£12.95
Assembler Insider Guide	£13.95
Desktop Publishing	£14.95
Imagine Hints & Tips	£7.95
The Font & Clipart Book	£9.95
Workbench 3 A-Z Insider Guide	£13.95
Mastering Amiga Arexx	£17.95
Mastering Amiga Printers	£17.95
Mastering Amiga Dos 3.0 Reference	£19.95
Mastering Amiga Dos 2 Vol2	£17.95
Mastering Amiga Dos Scripts	£19.95
UK Comms	£19.95
Book & Video Packs	
A1200 Beginner's Pack	£36.95
Workbench 3 Booster Pack	£36.95
Videos	
Intro to the A1200 - Tutorial	£14.95
Intro to the A1200 - A Deeper Look	£14.95

HOME & OFFICE

Item	Price
WP & DTP	
Final Copy 2	£47.95
Final Writer 4 **New Version**	£69.95
Mini Office	£37.95
Pen Pal	£29.00
Pagestream 3	£174.95
Wordworth 3.1SE	£44.95
Wordworth 3.1	£79.95
Databases	
Datanexus **New**	£24.95
Digita Datastore	£45.95
Digita Organiser **New**	£39.95
Final Data **New**	£39.95
Twist 2	£89.95
GB Route Plus	£31.9
Mailshot Plus	£35.9
Music Librarian	£22.9
Plants For All Seasons	£22.9
Spreadsheets	
Final Calc	£please ca
Turbocalc 2	£49.9
Finance	
Cashbook Combo	£59.9
Counting House **New**	£49.9
Digita Home Office	£39.9
Money Matters	£34.9
Personal Finance Manager +	£19.9
System 3E	£49.9

UTILITIES

Item	Price
Software Development	
Gamesmith	£84.95
Dice C Compiler **New**	£98.95
DevPac 3	£51.95
Hisoft BASIC 2	£54.95
Intos	£25.95
Hisoft Pascal	£74.95
Disk Utilities	
AmiBack	£29.95
AmiFileSafe User **New**	£28.95
AmiFileSafe Pro **New**	£68.95
DirWork 2	£29.95
Directory Opus 5	£49.95
Disk Expander	£29.9
Gigamem	£47.9
Infonexus **New**	£25.9
Video Back-up System Phono	£54.9
Video Back-up System Scart	£57.9
XCopy Pro	£19.9
Communications	
GP Fax	£44.9
Termite	£31.9
Miscellaneous	
Maxxon Magic	£23.9
Studio II Print Manager **New**	£48.9
High Quality Printer Driver	

VIDEO & MULTIMEDIA

Item	Price
Big Alternative Scroller 2	£49.95
Distant Suns 5.0	£27.95
Makepath for Vista	£9.95
Media Point v3	£249.95
Montage 24	£259.95
Scala HT100	£49.95
Scala MM211 **New Lower Price**	£94.95
Scala MM300 **New Lower Price**	219.95
Scala MM400	£249.95
Scala Echo EE100	£139.9
Scala MM400+EE100 **Save £40 !**	£349.9
Terraform for Vista	£9.9
Vista Lite	£25.9

VRL Bundle Packs
Vista Pro or Lite ,Distant Suns, Makepath + Terraform now £54.95
Vista Pro or Lite, Makepath + Terraform £35.95

CD ROMS

Item	Price
Speccy Sensation 2 **New**	£18.95
Aminet 1-4 4 CD pack	£24.95
Aminet 7 **New**	£14.95
Aminet 6 **New**	£14.95
Desktop Video CD	£13.95
Essential Utilities vol 1 CD	£8.95
Giga Graphics 4 CD pack	£38.95
Grolier Encyclopedia CD	£28.95
GFX Sensation CD	£18.9
Lightworks by Tobias Richter CD	£38.9
Star Trek Multimedia CD	£26.9
Arcade Classics CD	£9.9
World of Clipart Double CD	£16.9
Multimedia Toolkit CD	£27.9
Makin' Music **New**	£24.9
Ten on Ten **New**	£39.9

EDUCATION

Item	Price
ADI GCSE Maths	£19.99
ADI GCSE English	£19.99
ADI GCSE French	£19.99
ADI Junior Reading	£15.99
ADI Junior Counting	£15.99
Merlin's Maths	£16.9
Paint and Create	£16.9
Spelling Fair	£16.9
Noddy's Playtime	£16.9
Noddy's Big Adventure	£16.9

PC Task 3.1

PC Task 3.1 allows you to run software designed for IBM PCs and compatible on you Amiga ! It emulates a 80286 based PC, so you can run Windows 3.1 ar applications like Microsoft Word and Excel. All for just £59.95 !
Upgrade from v2 £34.95 - please enclose your PC Task v2 disk
Upgrade from PD version £44.95 - please enclose your disk

HOW TO ORDER

When ordering, please don't forget to include the carriage charges ! Charges within the UK are £2.50 per item for first class post (which usually arrives the next day). A next-day courier service is available, within the UK mainland and subject to availability, at £6.00 regardless of order size. Please ask for overseas pricing, and pricing for islands & Scottish Highlands.

You can pay by :
Credit Card : Visa, Mastercard, Access, Delta, Switch and American Express. We only bill your card when we despatch the order, not before.
Cheque : Please make cheques payable Emerald Creative Technology Ltd.

All pricing includes VAT but not carriage. We reserve t right to change prices - you will be informed of any char when you order. Faulty goods will be replaced or repair if returned within 30 days of purchase. We will refund we can't repair the goods. It is the responsibility of t

VISA MasterCard SWITCH

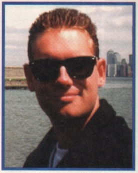
Now open Saturday & Sunday from 12pm to 4pm

Emerald Creative Technology Ltd
Rapid House, 54 Wandle Bank
London SW19 1DW
Tel : 0181-715 8866 Fax : 0181-715 8877
eMail : Emerald@eWorld.com

FREEPHONE
0500 749469

Matt Broughton's Games in View

A new The One! A new Amiga! "NEWS!" shouts Matt Broughton in an embarrassingly overexcited way.



▲ "Spare ten cents for a cup of coffee guv". Matty Broughton down and out in New York.

Bloody hell! Just for a change there's lots going on, but before I start I'd like to thank all the loyal ex-readers of The One who've called in to comment on the 'new' version. In case you didn't catch what happened, Maverick borrowed the rights to produce their own magazine – called The One. We sent them all the design grids, logos, etc. and then sat back waiting to see what they'd do with it. Anyway, there I was in WH Smith's, when what should I see before me but a small, thin pamphlet that was, er ... 'interesting'.

Yes, capturing all the japes and journalistic specialities that we'd spent years perfecting, this new The One seemed to take great delight in telling you things such as "well, we could do what the old The One crew used to do with this page, and simply have a bit of fun ..." but then they don't!.

Anyway, enough bitter bitching, there are many other things to be talk about, not least of which is the news that a new Amiga will finally be on sale from the end of September. The Amiga Magic pack will retail at £399, and seems targeted more at hobbyists than gamers.It comes with a standard A1200, *Wordworth version 4 SE*, *Datastore 1.1*, *Organiser 1.1*, *TurboCalc 3.5*, *Personal Paint 6.4*, *Photogenics 1.2a SE*, plus two games, *Pinball Mania* and *Whizz.* You're no doubt already familiar with *Whizz* ('cause we reviewed it yonks back) while *Pinball Mania* is yet another metal ball offering from 21st Century, featuring four new tables, four flippers, and multi-ball modes.

▲ Total football. I love Sensi Soccer to the point of being sad, so I don't really care about other footy games.

Escom are set to confuse everyone by reserving the Commodore brand solely for PC-related products. The little devils reckon they can enter the market with PCs up to 20 percent cheaper than top brands. Unfortunately, Commodore has always been associated with the Amiga in the UK — so, er ... good luck fellas!

Blue Byte have confirmed that there will be a follow-up to the excellent *The Settlers,* with the PC version hitting the shelves early next year. The bad news (that I'm sure you were expecting) is that *Settlers II: Veni, Vidi, Vici*, is currently only planned for PC CD-ROM. Still, you never know, eh?

Domark have revealed that a massive advertising campaign will be used to promote the sequel to the massive-selling (250,000 copies!) *Championship Manager*. *CM2* is due on the Amiga before Christmas, and what with the original being the best selling footy management game to date, it should do well. There will also be data disks to follow.

On the more arcadey-side of things, *Total Football* is another Domark product; this one being developed by in-house team, The Kremlin. The game is touted as having the best animation in a footy game ever, with some 2500 frames for the players, with 50 moves all played over different kinds of pitches in variable weather conditions.

Now, you know them as Renegade, but Warner Interactive is the actual company responsible for the forthcoming *Chaos Engine 2*. Reported as 'shelved' by Maverick's The One it is in fact due for a February release. Another ex-Renegade product to have slipped yet again is *Flight of the Amazon Queen*. Originally due end September, this now looks more likely for a mid-October release. Once that's out in the shops Warner Interactive have no further Amiga products planned. Apparently, they've not finished with the humble machine, but have so many PC products on the go – along with massive guaranteed sales – that anything less than a Christmas number one has been put to the bottom of the list.

Gametek confirmed that the development nightmare known as *Frontier: First Encounters* has indeed been scrapped completely due to the technical hell of trying to cram the product into an Amiga with anything less than seven million Mbs of hard drive. No doubt thousands of *Elite/Frontier* saddies will be screaming and banging on their doors. Still, there's *Star Crusader* to look forward to at the end of October, while *Baldies* has been held back indefinitely (although things should start shifting after Xmas) due to legal problems with the developers.

And some good news to end on, is that *Super Street Fighter 2 Turbo* WILL be arriving towards the end of October, and will feature all of the super combos, super finishing moves, and extra characters that made Gametek's recent PC version such a success. But that's the last game they're currently developing. However, Gametek will be looking at a new batch of releases sometime after Xmas, and will continue to support the machine next year. Hurrah! ■

▲ Super Streetfighter 2 Turbo will arrive in October, according to Gametek. Hurrah, saaaaayugen!

HMV CHART ...
Amiga top games

No	TITLE	PUBLISHER
1	Player Manger 2	Virgin
2	Sensible Golf	Virgin
3	Sensible World Of Soccer	Virgin
4	Ultimate Soccer Manager	Daze
5	Indiana Jones Atlantis	US Gold
6	Super Street Fighter 2	US Gold
7	UFO Enemy Unknown	MicroProse
8	Super Skidmarks	Guildhall
9	Gloom	Guildhall
10	PM 3 Multi Editor	Gremlin

guv". Matty

n fact
e.
duct to
Flight of
nally due
looks
ber
n the
have no
anned.
nished
but
s on the
uaran-
less
one has
the list.
at the
nown as
has
mpletely
f trying
n
than
drive.

be
their
usader
nd of
been
ough
after
ns with

o end
hter 2
ards
ll fea-
uper
finish-
extra
made
nt PC
suc-
the
re
ping.
tek will
new
s
Xmas,
e to
chine
n! ■

The Fall & Rise in Amiga Frame Grabbing...

ProGrab™ has caused a Real Fall in the Price of Quality Frame Grabbing - the Rise in Standards speak for themselves!

The revolutionary NEW S-VHS ProGrab™ 24RT Plus, with Teletext, is not only the best way to get crisp colour video images into your Amiga, it also costs less than any of its rivals. This real time, PAL-SECAM-NTSC*, 24-Bit colour frame grabber/digitiser has slashed the price of image grabbing on the Amiga, and at the same time has received rave reviews for its ease of use and excellent quality results. ProGrab Plus™ is now S-VHS compatible too! ProGrab™ has received honours from just about every Amiga magazine! And... with ProGrab™ you needn't be an expert in Amiga Video Technology either...

A simple 3 stage operation ensures the right results - Real Time, after time.

Grab images with your camcorder including S-VHS
Take a signal from a TV with SCART output
Use a satellite receiver as your output device.
Grab TV or video pictures from your VCR's video output including S-VHS
Country Watch on One
BBTV

STAGE 1...

Select any video source with S-VHS or composite output. This could be your camcorder, TV with SCART output, satellite receiver, domestic VCR/player or standard TV signal passing through your VCR/player... the choice is yours.

STAGE 2...

With ProGrab's software, select an image you wish to capture using the on screen preview window - and Grab (because the hardware grabs frames in real time, there's no need for a freeze frame facility on the source device). ProGrab™ even includes a Teletext viewing/capturing facility from either TV or satellite sources. Once grabbed, simply download and view the full image on your Amiga screen.

STAGE 3...

Use the image with your favourite word processor, DTP or graphics package.

ProGrab™...
supports all recent Amigas and is also fully AGA Chipset compatible. You can even work in the new graphics modes up to 1472 x 512 pixels in HAM 8 (Amiga RAM permitting). Images can be saved in 24-Bit, 16.7 million colours.

ProGrab™...
supports IFF, ILBM, ILBM24, Clipboard, JPEG, BMP, PCX, TIFF, ProGrab™ File or Anim5 File output formats. All these formats can now also be read into ProGrab™ directly too. A range of image processing effects, palette computing routines (AGA only) and dithering methods are also new to ProGrab™ V2.5. Photogenics fully supports ProGrab with a custom 'Loader' to enable grabs directly from within the program - saving YOU time!

ProGrab™...
software has built in mono and colour animation facilities. The number of frames is dependant upon your Amiga's RAM.

ProGrab™...
Release 2.5 software now includes...
- Support for Virtual Memory... allows the highest resolutions - even with low memory Amigas (all Hard Drive Systems without the need for an MMU, requiring just 1Mb. Hard Drive Space).
- Additional Teletext Facilities... Now available with Terrestrial TV signals too.
- Larger Preview Window... Double resolution & 4 times the area
- International Support... Now works with composite PAL, SECAM and NTSC straight from the box.

For just £129.95

ProGrab™ is supplied with everything you'll need...
- **ProGrab™ 24RT Plus Digitiser** (with power & composite video input leads)
- **New Version 2.5 Software**
- **Parallel Port Connecting Cable**
- **Mains Power Supply Unit**

ProGrabs™ optional PCMCIA Interface can extend performance even more for the serious/professional user.
- **PCMCIA Interface for A600's and A1200's only £29.95** giving FASTER operation...
- Faster Downloading Times (up to FIVE times quicker)
- Improved animation speeds of up to 11fps (mono) and 3.5fps (colour)
- New sound sampling and animation capabilities (separate sound sampler required)
- Save animations direct to your Amiga's hard drive

Pro-GRAB
S-VHS 24RT Plus

Now compatible with both VHS and S-VHS!

Pro-GRAB™
S-VHS 24RT Plus

ProGrab™ **really does** make it that simple!

ProGrab™ supports any Amiga with Kickstart 2.04 or later and 1.5Mb. free RAM.

ProGrab™ has just been voted as The Best Video Hardware product for the Amiga. This is especially pleasing because the award comes from the magazine's readers - our satisfied customers!

ProGrab™ boasts a 92% Gold rating by Amiga Format with comments like... "ProGrab hardware is top notch" and "For sheer value for money, ProGrab cannot be beaten"

CU Amiga's rating of 86% said ProGrab™ is... "Just the job for beginners and semi-professionals on a tight budget" and, "very hard to beat. For the money, nothing can touch it"

*Standard ProGrab™ hardware is PAL/SECAM/NTSC compatible - interlace mode options available with PAL & SECAM only. NTSC Only models are available to special order which then support the interlace mode fully. Please ask us for full details.

For more information or to get **your** hands on the NEW ProGrab Plus™, call our sales line on...

01 773 836781

...or Post/FAX your requirements on the order form provided to...

gordon harwood computers
the UK's favourite Amiga Dealer
Gordon Harwood Computers Limited.
New Street, Alfreton, Derbyshire DE55 7BP.
Tel: 01 773 836781 Fax: 01 773 831040

Mr/Mrs/Miss/Ms: Initial(s): Surname:
Address:
County (Country): Postcode:
Daytime Phone: Evening Phone:
Please rush me... __ ProGrab Plus™ @ £129.95 inc. p&p £____:_
__ PCMCIA Interface @ £29.95 inc. p&p £____:_
__ Optional FAST Courier Service Delivery £ 6 : 95
(Overseas customers - please call for prices etc.) TOTAL £____:_
Existing ProGrab users, Upgrade to Software Version 2.5 @ £4.95 inc. p&p please tick ☐
Card holder's signature:
Card No: ☐☐☐☐ ☐☐☐☐ ☐☐☐☐ ☐☐☐☐ ☐☐☐☐
Expiry Date: ☐☐☐☐ Issue No (Switch Only): ☐☐ Dept: CUa
Cheque/Bank Draft/Postal Order for £____:_ payable to Gordon Harwood Computers Limited...

CD-ROMS and your Amiga

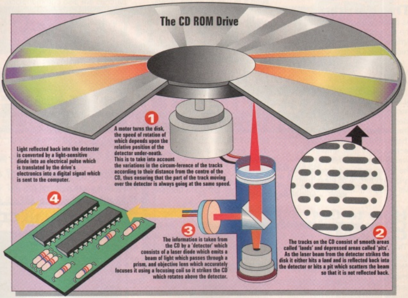
CD-ROM is today's storage technology. This feature is the culmination of all the reviews of drives and discs in CU Amiga Magazine for the last year or so. Over the next six pages we will tell you how a CD-ROM drive actually works, provide you with a brief buyers guide to the drives themselves and a guide to over 50 CDs which will enhance your Amiga enjoyment.

The Compact Disc was never intended to be a data storage medium for computers. However, since the technology involved storing music in a digital format, it was naturally applied in this area when the mass production of CD mechanisms for audio use brought significant cost-reductions. Suddenly the medium looked very attractive to the computing world.

When the Dutch based Philips company developed the CD standard, the specification was that a CD must fit the equivalent length of music as a vinyl LP on one side. Random access was essential though speed wasn't important. Fully digitised stereo audio only needs about 150 kilobytes per second but over 75 minutes that's a lot of data. This resulted in one dense spiral of data. The data is made up of short and long pits in the aluminium undercoat of a CD. One might be tempted to think that short pits mean binary '0' and long pits binary '1' but in actual fact a change from short to long or long to short represents '1' and no change eg. two consecutive short or long pits means '0'.

Error Correction

Further to that, the actual stream of data is spread out over a fair distance so that if a whole run of pits are obscured they would represent one lost bit in a long sequence of 'words' or groupings of 'bits'. This is known as interleaving. The automatic checksum can handle these single lost bits of data to form the first level of 'error correction'. On top of that is another encoding method called cross Reed Solomon code or CRC checking. Again this enables lost bits to be corrected. However,



A motor turns the disk, the speed of rotation of which depends upon the relative position of the detector under-neath. This is to take into account the variations in the circum-ference of the tracks according to their distance from the centre of the CD, thus ensuring that the part of the track moving over the detector is always going at the same speed.

The tracks on the CD consist of smooth areas called 'lands' and depressed areas called 'pits'. As the laser beam from the detector strikes the disk it either hits a land and is reflected back into the detector or hits a pit which scatters the beam so that it is not reflected back.

The information is taken from the CD by a 'detector' which consists of a laser diode which emits a beam of light which passes through a prism, and objective lens which accurately focuses it using a focusing coil so it strikes the CD which rotates above the detector.

Light reflected back into the detector is converted by a light-sensitive diode into an electrical pulse which is translated by the drive's electronics into a digital signal which is sent to the computer.

▲ This diagram serves to illustrate the workings of the CD-ROM mechanism. Originally requiring large and expensive amounts of solid state electronics, modern drives now use the same type of large scale integration as the Amiga. This reduces the cost to previously unheard of levels. Recent developments include the so-called multi-spin mechanisms which feature a much higher data transfer rate. The electronics must then perform to much more tight tolerances and so are more expensive. Next time you pop a CD in your drive, spare a thought for the complex servos all working in tandem to bring you this modern miracle of storage technology.

tracking a microscopic spiral of pits with a laser is no easy business. Especially when all CDs spirals aren't dead centre. Special circuitry checks the strength of the signal and hunts back and forth for the ideal setting. These 'servos' as they are known, will cause the laser assembly mounted on a caterpillar like spinning screw to move back and forth rapidly as the CD spins, tracking the slightly off centre spiral. Also because this method requires the data to arrive at exactly the same rate, CDs spin slower when the laser is at the edge of a disc and faster in the centre. The speed is precisely controlled by another servo.

Focused Lasers

The laser itself isn't dangerous even if you looked at it directly contrary to the obligatory yellow warning stickers on all CD players. These solid state laser 'diodes' emit only a few milliwatts of power and most of this is in the infrared where they are tuned. Gently focused onto the aluminium data surface, the clear epoxy CD coating helps to focus the beam tightly. The final servo in a CD mechanism handles the focus. This means that any dust particles on the surface of the CD are out of focus which helps further to avoid data loss from surface contamination. Every effort should still be made to keep CDs free of fingerprints since skin oils can send the laser beam askew and data loss may result.

CD Cleaning Advice

If a CD needs cleaning, it should be wiped from the inside to the outside but never in a circular motion. If a hard particle of dirt is wiped over the disc in a circular motion, the resulting scratch is much more likely cause mistracking than a scratch at right angles to the spiral. Solvents should never be used. If any detergent is needed, it should be common household variety such as washing up liquid and warm water.

Amiga CD Options

The Amiga platform is no slouch when it comes to CD connectivity. Every model has some method of getting connected. We'll look at each in turn. The humble A500 was the first to gain CD capability with Commodore's own A570 A500 sidecar CD-ROM which slots into the left hand expansion port of the A500 and A500+. These units are still available at a cost so low that some users of later model Amigas have opted to keep their old A500 and A570 combinations and run a parallel network such as Parnet to access the CD.

However, the A1200 and A600 have a much more impressive set of options for CD-ROM. There are three ways to attach a CD-ROM drive. The first is nearly identical to the A500 via a dedicated sidecar type unit jacking into the A600 and A1200s PCMCIA interface. Economical and with a high degree of CD32 compatibility they've been the long standing choice for A600 and A1200 owners. The OverDrive CD and the Power CD-ROM are two examples of PCMCIA units. The next option involves the SCSI standard. A SCSI interface must be connected and an externally boxed SCSI CD-ROM connected via a cable. There are two ways of implementing SCSI on an A1200 and one on the A600. Both machines accept a PCMCIA SCSI controller such as HiSoft's 'Squirrel', a relatively cheap and fast SCSI interface with first rate driver software. The other option and one that's not available to A600 owners is the purchase of an add-on SCSI board for certain trapdoor based accelerators.

Some A1200 accelerators such as the Apollo 1230 actually come with a SCSI interface as standard. The last and newest method for adding a CD-ROM doesn't involve SCSI and is suitable for both the A600 and A1200. Recently CD-ROMs have emerged sporting IDE interfaces. The A1200 and A600 both have an IDE interface built in normally used for hard drives. Using the ATAPI software (reviewed last month), the Amiga can use this interface with IDE CD-ROMs. An additional benefit is that up to four devices can now be used instead of two with a special cable. An externally cased IDE CD-ROM is needed coupled with a length of IDE ribbon cable to trail out from the side of the A600 and 1200. Last month CU Amiga Magazine reviewed the ICS 'Multimedia Station' that consists of a mini-tower complete with the ATAPI package. This unit can power your CD-ROM and house cheaper and faster 3.5" hard drives if need be.

Big Boxes of CD-ROMs

Finally, the big box Amigas from the A1500 to the A4000 tower, all possess Zorro slots that can take a plethora of SCSI controller cards that will happily work with all SCSI CD-ROMs.

The A2000 has no controller as standard so will need one of these cards, though the 'HD' unit was shipped with a built in A209x controller which sadly needs a ROM upgrade to function correctly with CD-ROMS.

Unfortunately we know of no supplier so a new SCSI controller is the best bet. The A3000 has no drive bay big enough for a CD-ROM and so it will need an external case though no controller is needed since the A3000 sports SCSI built-in.

The A4000's drive bay is a bit on the shallow side so it's worth checking the dimensions of any prospective drive before purchase. Since the A4000 also has an IDE interface, the ATAPI software can be brought to bare so a cheap IDE CD-ROM mechanism could be used requiring no special controller.

The bottom line is, CD-ROM is not the future. It's here now and it's here cheap. A CD-ROM drive coupled with a modest selection of CDs creates a software library beyond your imagination. Buy yourself a CD-ROM drive and you'll never look back.

The Aminet

As if you hadn't already noticed, the CD issue of this month's CU Amiga Magazine comes with a free Aminet CD, based on volume 7 of the Aminet series. But what is Aminet and where did all this software come from?

The Aminet is a massive store of Amiga software on the Internet. The main site is in Missouri, USA but there are many other 'mirrors' around the world. These mirrors automatically receive every new Aminet file over the Internet and add it to their own archive. Likewise a file uploaded to one of these mirrors will be sent to Missouri which will send it in turn to all the others. The software is uploaded by Amiga developers the world over, and the entire archive is managed by Swiss Amiga fan Urban Müller.

Famously Large

One of the reasons for the Aminet's size is that it's become famous, to the point where almost anyone who writes some Amiga shareware or PD software will upload it to the Aminet knowing that the global Amiga community has access to it the very next day. Commercial developers will often release demos of their packages onto the Aminet – productivity and games alike. Commercial software upgrade patches are also commonplace.

So what about those of us who don't have Internet access? That's where the CD-ROMs come in. Every couple of months, Urban Müller puts all the new uploads onto a CD. This makes for a few hundred megabytes of Amiga files but the mighty CD format still has much more space. So then Urban decided that with each new Aminet CD, he would introduce a theme. The CDs are then filled to the brim with every single file on the Aminet in that genre. With Aminet 7 and this month's cover CD, the theme Images. It's a killer combination and it means that many Amiga CD-ROM owners collect all the Aminet CDs. The ease of use, accessibility and sheer value for money let alone the consistent search tool and documentation make Aminet CDs the best source of Amiga PD and shareware money can buy. You'll come to swear by your Aminet discs, whenever you need a particular file or utility, or when your collection of sound samples and pictures fail you, the Aminet will be there with a solution.

The Aminet is one of the Amiga's finest resources. Its size and organisation put archives of PC and Mac software to shame. Hats off to the Aminet and hats off to Urban Müller. Well done and keep up the good work.

How to Get Connected to CD-ROM

There are a number of ways to get your Amiga set up for CD-ROM access. The most common method at the moment revolves around the Squirrel SCSI interface which plugs into the PCMCIA port of the A1200 and A600. However, this is not an option for anyone using different Amiga models, as only the A600 and A1200 have a PCMCIA port. The arrival of the ATAPI device driver software means that there are now more options for anyone with an IDE interface connected to their Amiga.

Previously cheaper IDE CD-ROM drives were incompatible with the Amiga but ATAPI has changed all that.There's also the question of which speed of drive you should get. Standard speed CD-ROM drives are fine for most uses, but they can keep you waiting around during large directory searches. Dual, quad and six-speed drives can move the data through to the computer much faster, with obvious advantages in terms of speed, especially when you are dealing with large 24-bit images, long sound samples, sprawling directory listings and so on.

Whether the speed increase is worth the price depends on how often you plan to use the CD-ROM, and what its main uses will be. Here are some of the solutions on offer from major Amiga dealers.

HiSoft

Tel: 01525 718 181

• Squirrel PCMCIA SCSI interface for A600 and 1200	**£69.95**
• Squirrel + Aiwa ACD-300 dual speed CD-ROM + Ten on Ten CD pack -	**£225**
• Squirrel + Quad speed CD-ROM -	**£309**

Silica Systems

Tel: 0181 309 1111

• Overdrive Quad Speed CD-ROM	**£249**

Power Computing

Tel: 01234 273000

• Power dual speed SCSI CD-ROM	**£159**
• Power quad speed SCSI CD-ROM	**£259**
• Power dual speed SCSI CD-ROM + Squirrel	**£199**
• Power quad speed SCSI CD-ROM + Squirrel	**£299**
• GVP HC-8 SCSI controller	**£99**

Intrinsic Computer Syst.

Tel: 01474 335294

• ICS ATAPI mini tower with dual speed CD-ROM	**£249.95**
• ICS ATAPI mini tower with quad speed CD-ROM	**£299.95**
• Separate Cache CD file system + ATAPI driver + CD32 emulation package	**£49.95**

1st Computer Centre

Tel: 0113 231 9444

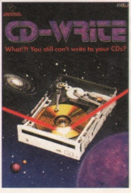
• Sanyo H94a dual speed CD-ROM	**£126.99**
• NEC 6Xi 6 speed SCSI CD-ROM	**£312.99**

HiQ Limited

Tel: 01525 211 327

• PowerStation Desktop PC case + dual speed SCSI CD-ROM + Squirrel	**£299.95**

Is Writing to CD-ROMS Possible?



CD-Write is new German software which appears to claim to enable writing to CDs. But is this the case? Make no mistake, CD-Write is definitely passing itself off as something that will allow you to write to CD-ROMs. However, it's not physically possible but what CD-Write does instead is give the appearance of files being copied of deleted to and from a CD-ROM. CD-Write patches AmigaDOS so that it may modify any accesses to the CD-ROM device/s. It then uses a scratchpad area on your hard drive where it stores the changes, whether they're information about deleted files or complete new files that have been 'copied' onto the CD. For this reason, CD-Write has copped a lot of flack on the Internet from Amiga users denouncing it as a hoax. That's a tad unfair as it's not hard to think of uses for the software. When accessing the CD-ROM logical device name, it does indeed appear that you can write to it.

Let's say for example that your favourite CD places a massive icon in the middle of your Workbench. This would be a pain normally, but with CD-Write it could be replaced with a modest effort neatly filed away in a corner. Various windows could be changed to view by name rather than icon for quick and easy access for a lot of files. Project icon tooltypes could be changed so that their default tools point to the correct viewer or application program which normally is annoyingly literally set in epoxy.

Another use could also be for BBS SysOps who often provide on-line CDs for the punters to download. Suspect files could be deleted, however most BBS software normally keeps its own catalogue so this isn't really necessary. CD-Write is useful if you have a lot of CDs and want to make some cosmetic and useful changes but in my opinion it's not something worth shelling out this sort of money for. The main sticking point we have with it, though, is the misleading claims it makes on the box.

CD-Write is available from GTI. Tel:0049 6171 85937.
Price: £44.95

72%

of use,
value for
onsistent
nentation
best source
eware
come to
discs,
particular
our collec-
and pic-
net will be

of the
es. Its size
rchives of
to shame.
and hats
ell done
work.

ible?
rman
ears to
ing to
case?
D-Write
itself
at will
o CD-
not
out what
ad is
of files
ted to
. CD-
DOS so
ny
ROM
s a
our
stores
leted
onto the
lack on
oax.
for the
ce
t.
aces a
is would
replaced
. Various
r than
roject
ault
ogram
.
often
Suspect
e nor-
neces-
nd want
my
sort of
it,
ox.

37.

72%

BOOK YOUR NEW AMIGA 1200 NOW!

GREY-TRONICS LTD

LOWEST PRICES
BEST SERVICE
RAPID DELIVERY

SALES FREE CALL 0500 737 800

SALES HELPLINE 0181 686 9973 / 0181 781 1551

DISKS DISKS DISKS + LOCKABLE BOXES

100% CERTIFIED ERROR FREE

	DS/DD Grade A+	DS/HD	
50 3.5" Disks	£15.99	£18.99	+ 100 cap lockable box....Add £4.00
100 3.5" Disks	£27.99	£28.99	+ 100 cap lockable box....Add £4.00
150 3.5" Disks	£38.99	£41.99	+ 2 x 100 lockable box....Add £8.00
200 3.5" Disks	£48.99	£51.99	+ 2 x 100 lockable box....Add £8.00
300 3.5" Disks	£73.99	£76.99	+ 3 x 100 lockable box...Add £12.00
400 3.5" Disks	£98.99	£101.99	+ 4 x 100 lockable box.Add £16.00
500 3.5" Disks	£104.99	£126.99	+ 5 x 100 lockable box.Add £17.50
1000 3.5" Disks	£189.99	£234.99	+ 10 x 100 lockable boxAdd £30.00

FREE LABELS + FREE DELIVERY BY PARCEL FORCE

NEW AMIGA A1200 PACKS

*** STANDARD PACK**

Wordworth 4.SE / Digital Data Store II / Turbo Calc 3.6
Digital Organiser / Personal Paint 6.4 / Photogenics 1.2
SE 2 Games: Pinball Mania - Wizz

SAVE £30

£369.99

*** OFFICIAL WITH 170Mb HARD DISK**
SAME AS ABOVE + SCALA 300

£469.99

SAVE £30

PLACE YOUR ORDER NOW. STOCKS ARE LIMITED

AMIGA CD32

7 GAMES PACK
Cannon Fodder, Diggers, Liberation, Oscar, Microcosm, Project X, Ultimate Body Blows.
£194.99
FREE DELIVERY

SX1 Modular Expansion	£191.99
Keyboard for CD32	£36.99
Disk Drive for CD32	£48.99
CD32 to Amiga 1200 inc sdware	£29.99
CD32 to Scart	£11.99
Competition Pro Pad	£15.99
Commodore Original Pad	£8.99
CD32 HiFi Lead	£11.99

Add £2 p&p for accessories

HARD DRIVES

EXTERNAL OVERDRIVE HARD DISK

Provides games and data portability to A600/A1200.

External Casing	£68	560MB	£234.99
INTERNAL 2.5" + CABLE & SOFTWARE			
80MB 2.5"	£69.99	250MB	£137.99
120MB 2.5"	£99.99	340MB	£179.99
170MB 2.5"	£124.99	520MB	£259.99
INTERNAL 3.5" + CABLE & SOFTWARE			
270MB 3.5"	£120.00	540MB 3.5"	£159.99
420MB 3.5"	£149.99	1000MB	£299.99

FREE DELIVERY

AMIGA 4000 TOWER

A4000T 040 25Mhz	£2099
A4000T 060 50Mhz	£2399

SPECIFICATIONS: A4000 Tower, 6Mb Memory, 1.7Mb Floppy Drive, 1.2 Gig SCSI Drive, Scala 300 Preinstalled

FUSION VIDEO GENLOCK

It is a high specification video genlock that is ideal for both the first time user (for adding titles, graphics & effects to home movies) & the semi professional user (wedding videos, corporate presentations..) FREE Scala HJ100 (enables you to add special effects and overlay text onto your video.
£98

AMIGA CD ROM DRIVE

Overdrive Double Speed CD	£174.99
Overdrive Quad Speed CD	£234.99
Overdrive Double Speed CD including space to install Hard drives	£194.99
Squirrel SCSI-2 Interface Plugs into your PCMCIA & allows you to connect 7 SCSI devices	£69.99

AMITEK HAWK RAM BOARD FOR A1200

2Mb Ram	£127	Alternative	£120
4Mb Ram	£187	Alternative	£180

INKJET CARTRIDGES AND REFILLS

HP Deskjet Black Dual Capacity Cartridge	£22.99
HP Deskjet Black Refill	£7.99
HP Deskjet 500 C /560 C Colour Cartridges	£25.99
HP Deskjet 500 C/560 C Colour Refill	£16.99
Canon BJ 10/200 Black ink Cartridges	£16.99
Canon BJ 10/200 Black ink Refill	£9.99
Citizen Project IIC Colour	£34.00
Citizen Project IIC Mono	£20.50

TOP QUALITY RIBBONS

BLACK

Amstrad DMP 2000/3000	£3.00
Amstrad DMP 4000	£3.66
Amstrad PCW 8256/8512/LQ35000	£3.00
Amstrad 9512	£3.50
Citizen 120D/LSP10/Swift 24/9	£2.85
Epson LQ100	4.10
Epson LX80/86/90	£2.50
Epson LQ400/500/800/850	£3.45
Epson FX/MX/RX80/LX800	£3.45
NEC Pin Writer P2200	£3.50
Seikosha SSP1200/1600/2000	£4.00

BLACK

Panasonic KXP1123/1124/1140	£3.30
Panasonic KXP1080/1180/90	£3.30
Panasonic KXP2123/2180	£4.00
Star LC10/20/100	£2.99
Star LC200	£3.50
Star LC2410/24200	£3.00

COLOUR

Citizen Swift 24	£12.99
Panasonic 2135/2123/2180	£13.99
Star LC10/20/100	£7.00
Star LC200	£12.30
Star LC2410/24200	£12.50

ADD £2 P&P

AMIGA CABLES

Amiga to TV Scart	£10.99
Amiga to Sony TV	£10.99
Amiga to Amiga	£10.99
Modulator overhang lead 23M/23F	£11.99
Joystick Splitters	£5.99
Automatic Mouse/Joystick Cable	£13.99
Joystick Extension Lead 10ft	£5.99
Printer Lead	£4.00

DUST COVERS

Amiga 1200/500/500P/600	£4.00
Commodore/Philips Monitors	£4.00
Star/Citizen/Panasonic Printers	£4.00

ACCESSORIES

Amiga Disk Drives (Amitek)	£54.99
Amiga Mouse (Top Quality)	£11.50
Internal Drives A500/A500+/A600/A1200	£34,£49.99
TV Modulator (2 yrs warranty)	£34.00
Deluxe Mouse Mat	£1.99
1000 Labels	£8.99
3.5" Disk Head Cleaner	£1.99
Python 1M Joystick	£8.75
Maverick 1M Joystick	£10.99

Add £2 for Delivery

3.5" DELUXE LOCKABLE BOXES

50 Capacity	£4.05
100 Capacity	£4.99

Add £2.00 P&P

3.5" STACKABLE BOXES

100 Cap drawer	£9.99
80 Cap Banx Boxes	£9.99

Add £2.00 P&P

NEW PRINTERS

PANASONIC 2135
24 PIN COLOUR
£159.99

All printers free lead & delivery

DOT MATRIX **24 PIN**

PANASONIC 2135 24 pin colour inc sheet feeder	£159.99
Citizen ABC 24 pin colour	£146.99
Citizen Swift 200 24 pin colour	£179.99
NEC P2Q 24 pin mono	£124.99

INK JET - DESKTOP & PORTABLE

Citizen Projet IIC Colour Inkjet	£249.99
Hewlett Packard 320 colour ink jet	£249.99
Hewlett Packard 320 mono + sheet feed	£245.99
Hewlett Packard 540 mono ink jet	£264.99
Hewlett Packard 540 colour inkjet	£289.99
Hewlett Packard 660 colour ink jet NEW	£384.99
Canon BJ30 mono inc. sheet feed	£204.99
Canon BJ70 colour ink jet	£299.99
Canon BJ200EX mono ink jet	£229.99
Canon BJ4000 colour ink jet	£304.99
Epson stylus colour	£447.99

Add £12.50 for (Ribbon; Dot Matrix only) dust cover,printer stand, 500 A4 paper when purchased with printer

MONITORS

Amitek Monitor 1084S
£189.99
WITH TILT AND SWIVEL STAND

Microvitec 1438 (Free speakers)	£279.99
Sharp TV/Monitor	£164.99

U.K. & INTERNATIONAL DELIVERY SERVICES -
(BFPO ORDERS WELCOME + SURCHARGE)

LAND
AIR
SEA

ALL PRICES INCLUDE VAT & DELIVERY (unless otherwise stated). Delivery within 3 days (UK MAINLAND ONLY).
ADD £8.00 FOR NEXT DAY DELIVERY CALL OR SEND CHEQUES/POSTAL ORDERS TO:

GREY-TRONICS LTD, UNIT 1015 WHITGIFT CENTRE,
CROYDON, SURREY CRO 1UU

SALES HELPLINE: 081-686 9973 Mail order prices only FAX: 081-686 9974

[illegible]

It's Back...

Like a phoenix rising from the ashes, the Amiga emerges - reborn under the Escom banner. HiSoft has been there all along, crafting the best products for the best home computer and we have many more exciting titles waiting in the wings... trust HiSoft for brilliant packages, keen prices and excellent service.

£189
£239 inc Squirrel SCSI
zip 100
scsi
drive

Amiga Zip Tools
exclusively from HiSoft

Zip drives from HiSoft include everything you need to get going on a SCSI-aware Amiga: the Zip 100 drive, a 100Mb cartridge, all necessary leads and a complete set of software, programmed by HiSoft, including:

- *Easy access drivers*
- *Password protect*
- *Write protection*
- *Temporary unprotect*
- *Cartridge initialisation*
- *Cartridge eject*

A brand-new SCSI peripheral, the Zip™ may well revolutionise the storage industry.

This newest, most portable exchangeable hard disk drive weighs in at just 1lb, has fast transfer and access times (up to 1Mb/s transfer, 28ms seek), easily fits in your hand, your bag or your briefcase, stores up to 100Mb on floppy-sized disks, is perfect for all types of application and is priced at a level that will make you want to unzip your wallet immediately!

Price inc 100Mb cartridge, extra 100Mb cartridges £15.95 or less!

Order your Zip drive now to avoid disappointment!

The Best-Value Hard Drives

1GB internal **£349** £419 external

Quad-Speed CD-ROM £259 £199 internal

If you want a SCSI hard drive then HiSoft has the one to suit your needs; whether you are looking for an internal drive for your tower case, A3000/A4000 etc or an external 1Gb beast-of-a-drive for any SCSI-aware Amiga, we can supply.

Based on only the highest quality mechanisms from top suppliers, with full manufacturer's warranty, our hard drives are fully tested for all Amiga computers and come with our own additional warranty and technical support.

SCSI Hard Drives

420Mb internal	£179	850Mb internal	£269
420Mb external	£249	850Mb external	£339
730Mb internal	£239	1Gb internal	£349
730Mb external	£299	1Gb external	£419

We offer internal or external SCSI hard drives and CD-ROM drives. Internal devices are suitable for mounting in the A1500, A2000, A3000 and A4000 and come with necessary leads & screws whilst the external drives are supplied in our professional Squirrel cases (available separately) which include integral psu, all SCSI connections and connection leads of your choice (at a small extra cost).

Super-Value CD-ROM Pack

only £225

value if purchased separately £285

HiSoft has done it again with a brilliant multimedia pack of Squirrel SCSI interface, Aiwa ACD-300 CD-ROM and the Almathera 10-on-10 pack of CDs!

Just look at what you get:

- *The amazing, trend-setting Squirrel SCSI interface which allows up to 7 peripherals (hard drive, CD-ROM, Zip, scanner etc.) to be daisy-chained together.*
- *CD32 and CDTV emulation software so that you can all those games and other titles such as Video Creator.*
- *The great-looking Aiwa ACD-300 CD-ROM drive; a fast, double-speed CD-ROM with full SCSI specification plus complete audio controls on the front so that you can play music CDs directly. Plus an informative LCD panel.*
- *The Almathera 10-on-10 pack of CDs; this is 10 CDs including the Team Yankee game, 2000 clip-art images, the Illustrated Works of Shakespeare, a Comms, Internet & Networking CD, The World Vista Atlas, 1000s of fonts, a complete photo library and much, much more!*

All this, packaged together, at a truly superb price, with full 1 year warranty and technical support from HiSoft.

Last chance to buy the Super-Value CD-ROM pack - offer ends 31 October 1995

Disk Magic £39.

Newly released, Disk Magic (screenshot on the left), the ultimiate file and disk management utility for y Amiga. DiskMAGIC makes every task you perform - from the copying of a file, to the extraction of an archived file, as simple as a clicking on a button! In t after using DiskMAGIC, you'll wonder how you ev used you Amiga without it!

DiskMAGIC is exceptionally configurable, with the ability to alter window layout, file types, action butt fonts, screen mode, archive handling, viewers and m

DiskMAGIC is compatible with all Amigas running W (or higher) and with 1.5MB or more of free memory.

Twist 2 Database £99.

Twist 2 is the highly-acclaimed relational database for all WB2 Amigas (2Mb memory recommended). With built-in Forms Designer, a beautiful user interface, simple-to-use relations, versatile sorting, reporting and searching features and speed that defies belief, Twist 2 is the only Amiga database that will grow with you.

Twist 2 is compatible with all Amiga running WB2 (or higher) and with 2MB, or more, of free RAM. A hard disk is recommended.

AURA

£99.

As music experts (all sampler products are our own design, built and programmed in the UK), you can trust HiSoft to deliver the right package for you; a professional Midi interface (ProMidi £24.95), a great-value, 8-bit direct-to-disk sampler (Megalosound £24.95) or a superb quality 12/16-bit stereo, direct-to-disk PCMCIA unit (Aura), both samplers have superb real-time effects.

Termite £39.95

Afraid of becoming a hedgehog on the Information Super Highway? Don't worry! Termite is so easy to use that even a first time telecommunicator will feel at home.

Termite is 100% WB2 Style Guide compliant and pro you with all of the modern user interface features to really enjoy playing in the highway!

Termite supports both the Amiga XPR and XEM libr as well as having its own internal ZModem. Termite compatible with all Amigas running WB2 (or higher 1MB or more of free memory and all modems.

Cinema4D £199.

An exciting new package, due for release in Septembe the amazingly-low price of only £199.95, Cinema4D is revolutionise the 3D-rendering and animation market. Cinema4D provides an easy-to-use multi-tasking edit replete with every conceivable option including multi-window editing, interactive modelling, direct modelling in 3D, basic and complex primitives, easy o manipulation, hierarchies, an optimised FPU/CPU ve and much more!

Cinema4D also includes a comprehensive file conver utility to allow full import of your current objects.

Order Hotline

0500 223660

To order any of the products shown on this page (or any other HiSoft title) - just call us, free of charge, on 0500 223660, armed with your credit or debit card; we will normally despatch within 4 working days (£4 P&P) or, for only £6 within the UK, by guaranteed next day delivery (for goods in stock). Alternatively, you can send us a cheque or postal orders, made out to HiSoft. All prices include VAT. Export orders: please call or fax to confirm pricing and postage costs.
© 1995 HiSoft. E&OE.

All prices include UK VAT @ 17.5%

Zip is a trademark of Iomega Inc

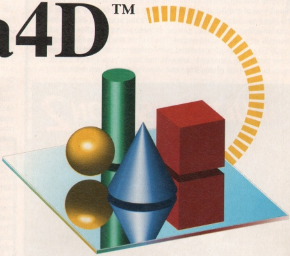
HiSoft SYSTEMS

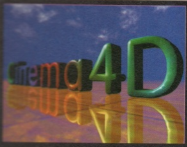
The Old School, Greenfield
Bedford MK45 5DE UK
Tel: +44 (0) 1525 718181
Fax: +44 (0) 1525 713716

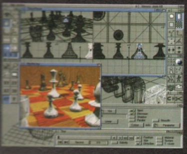
VISA

Imagine a world where light doesn't move in waves...

Cinema4D™







Free Cinema4D Demo Disk

Please send me some more information on Cinema4D, and my free demo copy of the program. The demo is compatible with any Amiga running Workbench 2.04 (or higher) and with 2Mb, or more, of free memory.

Name: ______

Address: ______

______

Post Code: ______

You can also obtain a Cinema4D demo pack by calling HiSoft, freephone, on 0500 223660

HiSoft Systems is proud to present Cinema4D - a new world of Amiga ray-tracing. Cinema4D is packed with power-user features that will satisfy even the most demanding users. Moreover, at £199 inc., Cinema4D does not carry a power-user price tag.

Cinema4D provides an easy-to-use multi-tasking editor replete with every conceivable option including window-based realtime interactive modelling, modelling directly in 3D, basic and complex primitives with uncountable variations, easy object manipulation, moveable tool, object and texture lists, definable object hierarchies, optimised versions for 68020 (A1200 etc.) & FPUs and much more!

The Cinema4D animator brings you even closer to the world of "virtual reality", breathing life into objects and scenes. It doesn't matter whether you want to have your spaceship dock with a new spacestation, or take a tour around the darkest dungeon - with Cinema4D it's so simple. With just a few mouse clicks you will have your objects move realistically through time and space.

Cinema4D runs on all Amigas with a minimum of 3MB RAM, and Kickstart 2 or higher. Cinema4D supports all Amiga and graphic card modes (HAM, HAM8, 24-bit,etc.) and recognised file formats (Imagine, Sculpt, DXF, Reflections, etc.).

The world-beating Cinema4D is available from all good Amiga software dealers, priced at £199 inc.

If you experience any difficulties obtaining Cinema4D, you can order free by telephoning our order hotline on 0500 223660, armed with your credit or debit card or you can send us a cheque or postal orders. Please add £3 P&P for despatch to addresses within the UK, £6 for next day delivery (if goods in stock).

HiSoft
SYSTEMS

The Old School, Greenfield
Bedford MK45 5DE UK
Tel: +44 (0) 1525 718181
Fax: +44 (0) 1525 713716
hisoft@cix.compulink.co.uk

Adult Sensation 2

Supplier: Epic Marketing

Tel: 01793 490 988

Price: £19.99

Anyone seeking further sensations in the trouser area can check out part two of the Adult Sensation series, so long as they're over 18. The plot has changed slightly since the first instalment, as part two includes a few animations, games, stories, sound samples and jokes, generally of a rather lewd nature. The bulk of the disk is filled with GIF and JPEG pictures of naked and semi-naked women and there are some disturbing Japanese cartoons and horror pics. Image quality is good, but the lack of any front-end viewing system lets it down.

ADULT SENSATION 2
THE NEW BATCH

75%

World of Sound

Supplier: US Dreams

Tel: 01483 728 397

Price: £14.95

Audio sample CDs are usually full of carefully edited and collated sounds, recorded to high standards and ready to use. CD-ROM sample discs tend to be compiled from any old rubbish the compilers can lay their hands on. World of Sound, however, is certainly better than most, but don't expect 650Mb of usable samples and modules (there's 438Mb on the disc). The samples take in sound effects, musical instruments, drums and vocals, and if you're just messing around most of them will be fine. However, anyone who's serious about producing music will be disappointed by the scratchy, noisy, quiet samples that dominate this collection. Collectors of Amiga modules would do well to check it out as there are plenty on offer. However, if you already have a good collection of samples from the public domain, or other CD-ROMs, you may find you already have a substantial number of these samples.

World of Sound

70%

Speccy Sensations 2

Supplier: Epic Marketing

Tel: 01793 490 988

Price: £17.99

We could have sat playing with this one all night (and probably right up to next Christmas) if we didn't have a magazine to produce. This, the follow-up to the original Speccy Sensations CD, is a massive collection of Spectrum games, dating back to 1982. The PD Spectrum emulator ZXAM is included on the CD, allowing you to load up and play hundreds of your old favourites. Many of these now look comically pathetic, but others have somehow stood the test of time. If you want variety, it's here by the skipload, with such diverse games as *Mad Martha 2*, *Maziacs*, *Eddie Kid Jump Challenge*, *Stunt Car Racer*, *Hungry Horace*, *Elite* and far too many others to list. It's highly likely that if you never played Spectrum games, you'll think these are utter tripe, but for nostalgia trippers it can't be beaten. You even get a few pictures of personalities from the Spectrum world.

90%

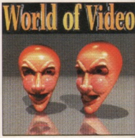
World of Video

Supplier: US Dreams

Tel: 01483 728 397

Price: £14.95

Billed rather vaguely as 'The ultimate video collection for the Amiga', World of Video turns out to be a collection of PD and shareware tools for both static and animated Amiga artists, along with a good selection of animations and pictures. The disc includes a large selection of image and animation conversion utilities, video titlers, image processors, 3D rendering programs, tools for graphics boards and plenty more besides. The trouble with this software is that a lot of it is either very basic, outdated or crippled shareware demos, so most of it isn't that much use in the form it comes on the disc. It's the smaller utilities that will be most useful, such as the conversion and viewing tools, while the animations which are included give some light relief from hunting through all the old software.



77%

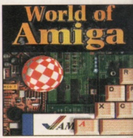
World of Amiga

Supplier: US Dreams

Tel: 01483 728 397

Price: £14.95

World of Amiga lacks a little direction, but a side effect of this is that it encompasses quite a range of software and data. Like virtually all other Amiga CD-ROMs, the data included is PD and shareware. In this case it's split into two main directories: games and data files. The games include Amiga *Boulderdash*, *Scorched Tanks 1.75*, *Mine Runner* and *Deluxe Galaga* among its highlights. The data files are split into animations, docs, pictures, 3D objects (for *Imagine* and *LightWave*), music modules (of which there are loads), Commodore 64 music modules and sound samples. There's 500Mb of stuff here, and stuff is all it seems to be, because it's



ore besides.
 software is
er very basic,
 shareware
t isn't that
n it comes
smaller utili-
t useful,
on and view-
nimations
ive some
ing through

77%

Amiga

 a little
ffect of this
s quite a
l data. Like
ga CD-
ded is PD
s case it's
rectories:
 The games
rdash,
Mine
alaga among
a files are
docs, pic-
Imagine and
odules (of
),
c modules
There's
and stuff is
cause it's

unlikely that anyone would want to return to this disc with any real regularity, not because the contents are sub-standard, it's just that the disc isn't as comprehensive a resource as something like the Aminet CDs, the contents of which are well balanced with all the latest versions of software and data arranged in logical order.

Many of the files on here are shared across the other US Dreams CDs reviewed in this article , and this is worth bearing in mind if you are interested in more than one disc from this series. A good disc even so.

72%

Arcade Classics

Supplier: Epic Marketing

Tel: 01793 490 988

Price: £14.99

There are plenty of PD game compilations on CD, but most of the games on them are generally disappointing. Arcade Classics, however, does have some real classics. The drawers are divided into game types, such as *Invaders, Asteroids, Platform, Breakout, Berzerk, Frogger, Hunchback, Lode Runner, Pengo* and so on. Each of these drawers contains a number of versions of these classics, archived in various forms. Unfortunately there are no extraction tools provided, apart from the CLI versions of the relevant crunchers (LHA, DMS etc). Neither is there a menu selector or search tool. You even have to use the Show All Files option from the Workbench to see what's on the disc. This wouldn't be so bad if the data on the CD was of a more 'technical' nature, but a game collection should really be idiot proof (and a fair amount of these games crash on an A1200). Even so, there are some real gems here for fans of old style arcade games, and if you don't mind a bit of messing around with the Shell you'll have hours of fun in store.

ARCADE CLASSICS

79%

Sci-Fi Sensation

Supplier: Epic PD

Tel: 01793 490988

Price: £19.99

A feast for sci-fi fans, this double CD set is full of things that make you go 'Wow!'. The first disc has digitised pictures and sounds from classic sci-fi movies, a massive drawer containing spacey music modules along with the ever so friendly Eagle Player for ease of use, objects for *Imagine, LightWave, Real 3D, 3D Studio* and *DXF*. Add to that a good selection of games and a smattering of other bits and pieces, and that's the first disc over with. The second is devoted to animations, all of which are ready to play straight from the CD. Double clicking the icons is usually enough to start them playing automatically, either spooling from CD or from RAM when there's enough available. If you're an avid collector of PD animations, games and samples, bear in mind that as with all the PD collections reviewed here, you may well have seen, played or heard some of them before. Even so, this is a must for any sci-fi fan who likes to put their own productions together.

SCI-FI SE
THE SCIENCE-FICTION CD ROM.
OVER 1000MB DOUBLE CD

91%

World of Games

Supplier: US Dreams

Tel: 01483 728 397

Price: £14.95

The trouble with most PD and shareware games is that they're usually written to work on the programmer's Amiga system, and if they're incompatible with others, then tough. This leads to problems when someone puts together another shovelware game collection and expects them all to work straight from the CD. World of Games comes with a simple menu front end which is fine, but many of the games just refuse to work. As the compilers usually seem to exercise minimal quality control (if any) you end up with a mass of substandard, incompatible games sprinkled with the occasional worthwhile effort. World of Games is no exception.

US Dreams also do a Top 100 Games A1200 disc, which is the same as the Top 100 Games CD32, reviewed on page 59. This has many games in common with the World of Games disc.

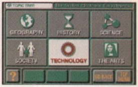
Grolier Encyclopedia

Supplier: Epic Marketing

Tel: 01793 490 988

Price: £26.99

If you really want to see the world through CD-ROM then this will be rather useful. The Grolier Electronic Encyclopedia stands out like a polished gem in the mass of shovelware that dominates the CD-ROM market. It's a translation of the printed encyclopedia, originally written for the CD32 but compatible with the A1200. The bold, high resolution text and buttons can easily be read on even the most fuzzy TV, and navigating around the numerous pages is simplified with a straight-forward point and click interface. It's not overflowing with pictures, but there are enough to maintain the visual interest. CD32 owners can boot straight from the CD and control everything from the joypad.



87%

World of Games

30%

Coming Soon

Emulators Unlimited is a CD dedicated to emulating different computer systems. It promises emulation software for Apple Mac, Atari ST, Apple 2000, Gameboy, Spectrum, Vic 20, Psion, Commodore 64, Amstrad, CPM, BBC, Z80, MSX and QL. We'll have a full review next month.

CD-ROM Software Buyers Guide

meeting
THE LIGHT WORKS
LSD
17BIT

Title	Description	CU Amiga rating	Reviewed	Supplier	Telephone
Express PD Galore	Collection of various PD	80%	February 95	Express PD	01162 559 711
Town of Tunes	Badly organised module collection	35%	March 95	17 Bit Software	01924 366 982
Amiga Ray Tracing 1and 2	Objects for most 3D rendering packages	70%	March 95	17 Bit Software	01924 366 982
Music Mods and Sound Effects	Sound samples and music modules	75%	March 95	17 Bit Software	01924 366 982
LightROM	LightWave (plus Imagine, Sculpt and Vista) data files	82%	March 95	17 Bit Software	01924 366 982
Space and Astronomy	Images and info from NASA (mainly GIF format)	75%	March 95	17 Bit Software	01924 366 982
BCI Net	Collection of archived PD software and data	80%	March 95	Better Concepts Inc (USA)	001 914 639 5095
Professional Clipart and Fonts vol1	PD fonts and clipart collection	70%	March 95	PD Soft	01702 466 933
GoldFish vol 1	PD from Fred Fish disks nos. 1 to 1000	84%	March 95	Epic Marketing	0793 490 988
Gold Fish vol 2	PD from Fred Fish Collections 1 to 7	85%	April 95	PD Soft	01702 466 933
Power Games	500 PD games	79%	April 95	PD Soft	01702 466 933
Ultimedia 1 and 2	Two-disc clipart and sound sample collection	85%	April 95	PD Soft	01702 466 933
Clip Art .GIF Professional	Collection of GIF format clipart	82%	April 95	PD Soft	01702 466 933
Aminet Set 1	Four disc set of archived PD from the Aminet	92%	April 95	PD Soft	01702 466 933
Sounds Terrific	Sound sample and music module collection	75%	April 95	PD Soft	01702 466 933
Hottest 4 Professional	Demos, games and slideshows as DMS archives	60%	April 95	PD Soft	01702 466 933
Assassins Collection	PD games from the Assassins compilations	80%	April 95	PD Soft	01702 466 933
Multimedia Toolkit	Audio and visual clips with a good menu system	76%	May 95	Weird Science	01162 340 682
Beauty of Chaos	Fractal-generated pictures	70%	May 95	PD Soft	01702 466 933
Imagine Enhancer	Imagine fonts, backdrops, objects and attributes	87%	May 95	Gordon Harwood	01773 836 781
Art Backgrounds Collection A	Quality backdrops stored in PhotoCD format	91%	May 95	Field of Vision	0171 263 5054
Weird Science CD Clipart	Good structured and bitmapped clipart	85%	May 95	Weird Science	0116 234 0682
3D Arena	Objects and data for Imagine, LightWave, Real 3D	79%	May 95	Almathera	0181 687 0040
The Light Works	Objects and data for Cinema 4D, Reflections, Imagine	88%	June 95	17 Bit Software	01924 366 982
Insight Dinosaurs	Audio-visual interactive dinosaur book	90%	June 95	Optonica	01455 558 282
Compendium Deluxe vol 2	Demos, games and utilities collection	78%	June 95	PD Soft	01702 466 933
Meeting Pearls 1 and 2	Various PD and plenty of fractal images	78%	June 95	PD Soft	01162 340 683
Key Photos for Windows	Collection of obscurely named TIFF images	65%	July 95	Softkey International	0181 789 2000
Animal Kingdom	Obscurely named TIFF, BMP and PICT animal pics	75%	June 95	Softkey International	0181 789 2000
Super Bundle	10-disc set of TIFF and WAV images and sounds	90%	June 95	Softkey International	0181 789 2000
World of Clipart	40,000 clipart files in various file formats	65%	August 95	Epic Marketing	01793 490 988
Aminet 6	Archived PD software and data from the Aminet	95%	July 95	GTI	0049 6171 85937
Magic Illusions	Random dot 3D stereograms and creation utilities	60%	August 95	GTI	0049 6171 85937
Almathera Ten Pack	10 CDs – Comms, CDPD, CDPD 2, Demo CD, World Vista, Illustrated Works of Shakespeare, Pandora's CD, Team Yankee, Photo Library, clipart and Fonts	75%	August 95	Almathera	0181 687 0040
Essential Utilities	Lazily compiled PC and Amiga utility collection	26%	September 95	Epic Marketing	01793 490 988
Graphic Sensations	Fonts, textures, animations and objects for 3D rendering	85%	September 95	Epic Marketing	01793 490 988
Speccy Sensations	Spectrum emulators and Spectrum games	89%	September 95	Epic Marketing	01793 490 988
Aminet 7	Shareware software and data from the Aminet	90%	October 95	PD Soft	01702 466 933
AMOS PD	Software and data for use with AMOS	80%	October 95	PD Soft	01702 366 933
Weird Science CD Fonts	Fonts for DTP and video in various formats	88%	October 95	PD Soft	01702 466 933

hone
2 559 711
4 366 982
4 366 982
4 366 982
4 366 982
4 366 982
14 639 5095
2 466 933
490 988
2 466 933
2 466 933
2 466 933
2 466 933
2 466 933
2 466 933
2 466 933
2 466 933
2 340 682
2 466 933
836 781
263 5054
234 0682
687 0040
366 982
558 282
2 466 933
2 340 683
789 2000
789 2000
789 2000
490 988
6171 85937
6171 85937
687 0040
490 988
490 988
490 988
2 466 933
2 366 933
2 466 933

NEW!

AMIGA 1200

The UK's favourite home computer is back! Amiga Technologies, a brand new UK company have launched the Amiga 1200 with a stunning array of software in the AMIGA MAGIC pack. And, to make a great pack even better, every Amiga 1200 Magic Pack from Silica (at the advertised price), comes with a FREE Chaos software pack - see below.

AMIGA Technologies GmbH
AMIGA 1200
AMIGA MAGIC

MAGIC PACK INCLUDES:

- **Amiga 1200 Computer - 2Mb RAM**
- **3.5" Floppy Disk Drive Built-in**
- **Wordsworth v4SE** - Word Processor
- **Digita Datastore v1.1** - Database
- **Digita Organiser v1.1** - Personal Organiser
- **Turbo Calc v3.6** - Spreadsheet
- **Personal Paint v6.4** Paint Package
- **Photogenics v1.2SE** Pixel Editing
- **Whizz** - 3D Platform Game
- **Pinball Mania** - Pinball Arcade Game

A1200 SPECIFICATIONS

- 32-Bit 68020EC Processor
- AA Chipset/16.8 Million Colours
- 2Mb RAM – Built-In Modulator
- 96 Key Keyb'rd With Number Control Pad
- PCMCIA Smart Card Slot

2Mb RAM - NO HD
£399
Inc VAT - AMC 3039

2Mb RAM + 170Mb HD
£499
Inc VAT - AMC 3199

SEE OVERLEAF
FOR 2 PAGES OF AMIGA PERIPHERALS & SOFTWARE

NEW!

AMIGA 4000

TOWER SYSTEM

- 68040/60 25/50Mhz Processor
- 6Mb RAM - 2Mb Chip, 4Mb Fast
- Workbench v3.1
- Advanced Graphics Architecture 'AA' Chip Set - 16.7 Million Colours on Screen
- 1.2Gb SCSI Hard Drive
- 1.7Mb Floppy Drive
- 2 x 3.5" Drive Bays
- FREE Chaos Pack from Silica

68040CPU + 1.2Gb HD
£2199
Inc VAT - AMB 5040

68060CPU + 1.2Gb HD
£2499
Inc VAT - AMB 6060

Scala MM300
Pre-installed on hard drive

FREE! FROM SILICA

CHAOS! SOFTWARE PACK

When you buy your Amiga from Silica, at our advertised prices, we will give you the Chaos pack FREE OF CHARGE. Chaos includes enhanced AGA versions of each title to takes full advantage of the AA Chipset in your new A1200 or A4000 Tower.

CHAOS ENGINE	£25.99
SYNDICATE	£34.99
PINBALL FANTASIES	£29.99
NICK FALDO'S CHAMPIONSHIP GOLF	£34.99
CHAOS PACK (combined original RRPs):	£125.96

AWARD WINNING PACK

AMIGA GOLD FORMAT
CHAOS
NICK FALDO'S GOLF

FREE UK DELIVERY
ON ORDERS OVER £40+VAT
Delivery Charge of £2.50 + vat For Orders Under £40 + vat

1978 SILICA 1995
17 YEARS SERVICE TO YOU

All prices include VAT
VISA Access AMERICAN EXPRESS

E&OE Prices & specifications may change
Return the coupon on pg 5 for the latest details.

MAIL ORDER HOTLINE:
0181-309 1111
23 STORES NATIONWIDE
CREDIT FACILITIES AVAILABLE Subject to status

SILICA

271A
1
06095

QUALITY AMIGA PERIPHERALS & SOFTWARE

VIDEO AND GRAPHICS

FUSION GENLOCK

FOR ALL AMIGA COMPUTERS

FUSION
VIDEO GENLOCK FOR AMIGA COMPUTERS
VIDEO MIXING DESK
Our Holiday 1994
AMITEK
AMIGA GENLOCK
VIDEO
MIXING DESK

FREE SCALA HT100 HOME VIDEO TITLING PROG WORTH £49 INC VAT

BEST BUY AMIGA SHOPPER 92%

- *High quality graphics and video mixing desk*
- *FREE Scala HT100 program disk*
- *Add titles and special effects to videos*
- *Ideal for home and semi-professional users*
- *Supports all standard Amiga and AGA graphics*
- *Input and output composite video signals*
- *Switches between video only, computer only and mixed graphics*
- *Hardware fade between graphic/video*
- *RGB thru - saving the genlock from being unplugged when not in use*
- *Optional chroma key unit available Early '96*
- *Comprehensive 16-page manual plus full colour sleeve*

£99 INC VAT VID 2100

CD-ROM DRIVE & SOFTWARE

OVERDRIVE QUAD SPEED CD-ROM

FOR THE AMIGA 1200

This unit combines a CD-ROM drive with the future in Smart Card Interfaces, the PCMCIA slot. This makes for an incredibly convenient and simple to use CD-ROM drive system opening up a whole new world of CD/multimedia technology.

NEW

- *PCMCIA connection*
- *Quad speed mechanism*
- *600K/sec data transfer rate*
- *PhotoCD compatible*
- *Multi-session compatible*
- *Runs most CD³² software*

SEE PAGE 3 FOR FULL OVERDRIVE RANGE

£249 INC VAT HAR 3542

Aminet Set 1 4 gigabytes of software - ACA 0500	£24.95
Aminet 5 1.1 gigabytes of software - ACA 0510	£14.95
Aminet 6 1.1 gigabytes of software - ACA 0520	£14.95
Animations Double CD Hundreds of animations - ACA 1000	£19.95
CDBoot 1.0 Runs CD³² software. CD-ROM required - ACC 1000	£29.00
Giga Graphics 10,000 images on 4 CDs - ACG 0500	£29.00
Light ROM 650Mb of 3D objects, images etc - ACL 0100	£39.00
Meeting Pearls Vol. II 650Mb of the finest FD software - ACM 0500	£9.95
Terra Sound Library 7,800 sound files - ACT 0400	£19.95
The Light Works Raytracing objects and textures - ACT 0500	£39.00
UPD Gold Entire PD library on 4 CDs - ACU 6500	£29.95
Zoom Selection of PD classics - ACZ 0500	£19.00

IMAGE MANIPULATION

PHOTOGENICS V1.2

FOR A1200/A4000

Photogenics

- *Manipulate and paint graphics in 24-bit*
- *Supports popular image formats including JPEG, GIF, IFF, PhotoCD and many more ...*
- *Multiple image editing*
- *Real-time HAM8 display*
- *Open design lets you to add your own loaders, savers or effects*

NEW VERSION

£54 INC VAT ASP 3000

IMAGE PROCESSING

IMAGE FX v2.0

FOR ALL AMIGAS

ImageFX
ImageFX

SAVE £100 OFF PREVIOUS RRP

- *24-bit image processing*
- *Various Realtime painting tools*
- *Image thumbnails*
- *Enhanced text handling*
- *Expanded image composing*
- *AutoFX*
- *Image FX browser*
- *Soft edge & anti-aliasing*

£99 INC VAT ASI 2132

SCALA MULTIMEDIA

MM400

- *Video titling and presentation package*
- *Import Deluxe Paint and similar animations*
- *Professional quality wipes and transitions*
- *Imports MIDI and standard sound files*
- *Supports GIFF, PCX, FLC, PhotCD and many other file formats*
- *Easy to use storyboard layout*

£299 INC VAT ASS 1042

RAM UPGRADES

A500 512K (no clock) Takes an A500 from 512K to 1Mb - RAM 0505	£20.00
A500 512K (inc clock) Takes an A500 from 512K to 1Mb - RAM 0510	£25.00
A500 Plus 1Mb Takes an A500 from 1Mb to 2Mb - RAM 0520	£30.00
A600 1Mb (no clock) Takes an A600 from 1Mb to 2Mb - RAM 0605	£30.00
A600 1Mb (inc clock) Takes an A600 from 1Mb to 2Mb - RAM 0610	£40.00
Hawk 1Mb - No FPU 8Mb 32-bit RAM board, 1Mb populated and battery backed clock - RAM 1210	£99.00

HAWK

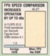
RAM UPGRADE & MATHS ACCELERATOR OPTIONS

FOR THE AMIGA 1200

BUILT-IN BATTERY BACKED CLOCK

AMIGA 1200
HAWK RAM BOARD ACCELERATOR

- *Plugs straight into A1200 trapdoor - No soldering required*
- *Upgradeable FAST RAM board to 1, 2, 4 or 8Mb*
- *Uses industry standard socketed SIMMs for easy upgrades*
- *Optional Floating Point Unit - 33MHz or 40MHz PLCC 68882 co-processor*
- *Comprehensive manual with illustrations*
- *Works with all A1200 and A1200HD computers*
- *Does not invalidate your A1200 warranty*
- *2 year warranty*



INCREASES SPEED BY UP TO 3X

FROM **£99** INC VAT SEE BELOW

Hawk 2Mb - No FPU 8Mb 32-bit RAM board, 2Mb populated and battery backed clock - RAM 1220	£129.00
Hawk 4Mb - No FPU 8Mb 32-bit RAM board, 4Mb populated, and battery backed clock - RAM 1240	£189.00
Hawk 8Mb - No FPU 8Mb 32-bit RAM board, 8Mb populated and battery backed clock - RAM 1280	£329.00
FPU 33MHz For Hawk Crystal and FPU for Hawk - UPG 1250	£59.00
FPU 40MHz For Hawk Crystal and FPU for Hawk - UPG 1255	£99.00

MODULATOR

MAMBA MODULATOR

FOR ALL AMIGAS

MAMBA
MAMBA

The Amitek Mamba, External Modulator, makes an ideal replacement modulator for all Amiga owners. Everything needed is supplied. Like all Amitek peripherals, it comes with an easy to follow manual.

£34 INC VAT MOA 4200

POWER SUPPLY

Amitek A500/600/1200 Beige coloured replacement power supply for A500/600/1200 - POW 0510	£29.00

FLOPPY DISK DRIVES

1Mb SONY FLOPPY

3½" DELUXE EXTERNAL FLOPPY DRIVE

FOR ALL AMIGA COMPUTERS

SONY 3½" 1Mb
DELUXE FLOPPY DRIVE
FOR THE Commodore AMIGA COMPUTER RANGE
2 YEAR WARRANTY
DELUXE FEATURES

- *High quality 3½" Sony mechanism*
- *Strong metal casing*
- *Built-in anti-click feature*
- *Switchable anti-virus mode*
- *Enable/disable switch*
- *75MS access time*
- *Daisy chainable via thru port*
- *Low power usage*
- *External PSU not required*

£59 INC VAT DRI 1159

LOADER INTERNAL FLOPPY

3½" 1Mb INTERNAL FLOPPY DRIVE

FOR AMIGA 500/500PLUS OR AMIGA 600/1200

These internal Amitek Loader replacement drives are ideal for users who wish to replace their existing internal drive. The pack features a high quality internal 1Mb, 3½" drive mechanism for the Amiga 500/500PLUS or Amiga 600. All that you need to fit your drive is included, plus easy to follow fitting instructions and 24 months warranty.

£34 INC VAT DRI 3600

£44 INC VAT DRI 3605

SCSI INTERFACE

SCSI-2 INTERFACE

SQUIRREL

FOR A600/A1200

Named after the famous storage hungry animal, the Squirrel SCSI-2 interface simply plugs into the PCMCIA slot (avoiding warranty problems) and allows you to connect up to 7 SCSI devices to your Amiga at the same time. This could be any combination of hard drives, SCSI CD-ROM drives, tape streamers, SyQuest removable drives, etc.

£69.95 INC VAT HAR 4000

COLOUR MONITOR

14" COLOUR MONITOR

FOR ALL AMIGAS

MICROVITEC 1438

- *14" .28mm, CGA Colour Monitor plus Stereo Speakers*
- *15KHz-40KHz*
- *Digital RGB & CVBS*
- *Adaptor for Amiga*
- *Power and audio cables*

£299 INC VAT MON 5438

SOFTWARE OFFERS

AMI-FILESAFE - USER Super fast filing system - ASA 4795	£29.00
AMI-FILESAFE - PRO Multiuser file system support - ASA 4800	£69.00
BRILLIANCE V2.0 Advance paint & animation software - ASB 7912	£49.00
CANDO V2.5 Interactive audiovisual authoring - ASC 2200	£79.00
EDGE 1.7 - PRO For text editing - ASE 8200	£16.95
GB ROUTE PLUS Plan trips and journeys in the UK - ASG 3122	£34.99
FINAL WRITER V4 Word publisher with graphics & fonts - ASF3802	£74.95
PEN PAL UK 1.5 Easy to use word processor - ASP 1942	£36.95
FINAL COPY II Powerful WYSIWYG word processor - ASF 3622	£49.95
MAXIPLAN 4 Business software suite - ASM 2012	£19.00
PEN PAL UK 1.5 Easy to use word processor - ASP 1942	£36.95
VISTA PRO 3.0 Landscape generating package - ASV 8002	£24.95

AMI-FILESAFE "USER"

- *Ami-FileSafe is the new de-facto standard Filing System for your Amiga*
- *Secure filing system - no more corrupt disks when applications crash when writing to disk!*
- *Super fast - much faster than FFS*
- *Instant directory listings*
- *Parallel access with negligible performance loss*
- *More efficient use of disk space than FFS/OFS*
- *Large directories do not decrease performance*

£29.75 INC VAT ASA 4795

SILICA

MAIL ORDER HOTLINE:
0181-309 1111
23 STORES NATIONWIDE
CREDIT FACILITIES AVAILABLE Subject to status

All prices include VAT
VISA Access AMERICAN EXPRESS

E&OE Prices & specifications may change
Return the coupon on page 5 for latest details.

SILICA 1978 1995 17 YEARS SERVICE TO YOU

FREE UK DELIVERY
ON ORDERS OVER £40+VAT
Admin Charge of £2.50 + vat For Orders Under £40 + vat

PPY

Y DRIVE

S

£59
C VAT DRI 1159

LOPPY
DRIVE

00

ader replacement
ho wish to replace
The pack features
1Mb, 3½" drive
500/500PLUS or
d to fit your drive
to follow fitting
warranty.

£44
C VAT DRI 3605

NITOR

LOUR
TOR
MIGAS

MICROVITEC
1438

r Monitor plus

£299
C VAT MON 5438

ESAFE
R"

e new
Filing System

m - no more
n applications
g to disk!

faster than FFS

stings

th negligible

of disk space

£29.75
C VAT ASA 4795

PRINTERS

CITIZEN 24-PIN ABC COLOUR DOT MATRIX

- Small and compact with 24-pin print quality
- Works with any PC or Amiga computer
- 5 Built-in fonts, 2 scalable to 40pt
- Built-in 50 sheet auto feeder
- Citizen 'Easystart' software for Windows and Amiga
- Auto set facility
- Resolution: 360 x 360dpi
- Black ribbon
- Colour kit supplied including colour ribbon
- 2 year warranty

£149
INC VAT PRI 2422

CANON BJC4000 COLOUR BUBBLE JET

- Speed: 4 pages per minute - 10cpi at 248cps (high speed) and 173cps (high quality)
- 80 column - A4
- Res: 360 x 360dpi - 720 x 360dpi with smoothing function in mono
- Fonts: 5 typefaces
- Parallel interface
- 64K input buffer, 41K download buffer
- Emulations: LQ2550, X23E, Canon enhanced
- Automatic and manual sheet feeder

£299
INC VAT PRI 1734

LEXMARK EXECJET IIC COLOUR INKJET

- Speeds: B&W: 3ppm draft/ 2ppm LQ Colour from: 2.5 to 7minutes per page
- Res: 600 x 300dpi black and white 300 x 300dpi colour
- 150 sheets A4, up to 15 envelopes
- 12 Built-in Scalable Fonts
- 21KB Buffer Memory
- Parallel interface (Optional serial)
- 3 year return to base warranty

£249
EXC VAT PRI 5676

STUDIO PRO II

PRINTER CONTROLLER

- Print 24-bit graphics
- Workbench drivers for most printers
- Prints pictures from disk using very little memory
- The ONLY professional colour management system on the Amiga

£49
INC VAT ASS 8800

SILICA STOCK A FULL RANGE OF PRINTERS, DRIVES & ACCESSORIES - CALL FOR DETAILS

HD & CD-ROM DRIVES, MICE & J'STICKS

MICE & J'STICKS

Logic 3 Speed Mouse £11.95
Switchable for Amiga and ST, 300dpi, ultra-sensitive buttons - MOU 4000

Mega Mouse £9.95
Ultra high 400dpi resolution, 5 foot cable, effortless fingertip operation - MOU 1875

Mega Mouse 3 Button £14.95
As above mouse with 3 buttons - MOU 1881

Quickshot Apache QS131 . £6.99
2 fire buttons, 6 foot cable, biogrip for, maximum control, 4 suction cups - JOY 6431

Quickshot Starfighter 1 ..... £8.99
Turbo fire button, 6 foot cable, thumb, control, hands free auto fire - JOY 6467

Zip Stik Super Pro £9.95
Autofire, microswitches, hand held/ table top joystick - JOY 5600

MEGA MOUSE

FOR ALL AMIGAS

- Ultra high 400dpi resolution with opto-mechanical encoder
- 5 foot cable
- Effortless fingertip operation with reliable micro-switch buttons

£9.95
INC VAT MOU 1875

CD-ROM & HARD DRIVES

Seagate ST9240AG 210Mb + GVP Software £129.00
Upgrades an Amiga 600 or 1200 to a hard disk model - HAR 0210

OverDrive Double Speed. £179.00
Allows access to Amiga specific CDs and play CD³² software - HAR 3540

OverDrive Quad Speed.... £249.00
Allows access to Amiga specific CDs and play CD³² software - HAR 3542
SEE FEATURE ON PAGE 2

OverDrive IDE HD 650Mb .. £249.00
Ultra Fast 560Mb Hard Disk, plugs onto PCMCIA slot - HAR 3544

OverDrive IDE HD 1.2Gb £349.00
Ultra fast 1200Mb hard disk, plugs onto PCMCIA slot - HAR 3550

Panasonic PD System...... £645.08
As PD System highlighted below, supplied with Adaptec 1520A SCSI controller - CDR 4310

650Mb Optical Disk £45.00
For use on Panasonic PD systems - DIS 1500

OVERDRIVE HD (IDE) - 560Mb

FOR THE AMIGA 1200

Ultra fast external hard disk. Plugs into PCMCIA slot - interface is twice the speed of the internal one. Can be used along side internal hard drive

- External IDE hard disk for A1200
- Supplied with formatting software
- Can be used along side internal HD

£249
INC VAT HAR 3544

Panasonic PD SYSTEM

READ/WRITE OPTICAL DRIVE

- Quad speed CD-ROM Drive with 600K Data Transfer and 195ms access
- 650Mb re-writable optical disk drive with removable cartridges. Cartridges (DIS 1500) £45.00

ALL-IN-ONE

NEW **£586.33**
INC VAT CDR 4300

AMIGA CD³²

CRITICAL ZONE PACK

32-BIT SYSTEM - 7 CD TITLES

OVER 100 CD-ROM TITLES AVAILABLE

CD-ROM BASED POWER CONSOLE

INCLUDES

CANNON FODDER

PLUS

DIGGERS

PLUS

LIBERATION

PLUS

MICROCOSM

PLUS

OSCAR

PLUS

PROJECT X

PLUS

ULTIMATE BODY BLOWS

MORE THAN JUST A GAMES CONSOLE

Critical Zone includes the powerful 32-bit CD³² games console with built-in dual speed CD-ROM drive, an 11 button controller and 7 top CD-ROM games. Optional upgrades include keyboard and disk drive (allowing use of A1200 software) and an MPEG video playback card allowing video CDs to be played on the CD³².

- 32-Bit processing power
- Dual speed CD-ROM drive
- 16.8 million colours
- Plays audio & CD+graphics CDs
- 11 button controller
- Titles available from £9.99
- Optional full screen video CD module - CCA 0320 @ £199

OPTIONAL SX1 MODULE

Turns the CD³² into a powerful 32-bit multimedia computer using the SX1 multiport expanson module.

£199
INC VAT - CCA 0100

SX1 CD³² BLACK KEYBOARD £39.00
PC type keyboard that plugs into SX1
INC VAT - PKE 0120

£199
INC VAT CCD 3450

MAIL ORDER SALES TEAM

23 STORES NATIONWIDE

19 BRANCHES IN DEBENHAMS

FREE DEMONSTRATIONS AVAILABLE

MAIL ORDER • FREE DELIVERY

0181-309 1111

FREE DELIVERY in UK mainland on orders over £40+VAT. Small admin charge (£2.50+VAT) on orders under £40+VAT.

COMPUTER SHOPPER
1994 Awards
WINNER
Best Software Delivery Service

COMPUTER SHOPPER
1994 Awards
NOMINATION
Best After Sales Service

THE SILICA SERVICE

SILICA 1978 1995 17 YEARS SERVICE TO YOU

Before you decide WHEN to buy, we suggest you consider WHERE to buy and protect your investment with a purchase from Silica. With our unrivalled experience and expertise, we will provide all the extra help, advice and new product information you may need both now and in the future. Buy direct, visit one of our stores, or return the coupon now and begin to experience the "Silica Service".

17 YEARS EXPERIENCE

Silica has been established for over 17 years, longer than most other computer suppliers, and has a proven track record in professional computer sales.

OPEN UNTIL 7PM

Mail order lines are open Mon-Fri 9am to 7pm and Sat 9am to 5.30pm. Call your local store for shop opening times.

HOW TO PAY

We accept most major credit cards, cash, cheque or monthly terms (APR 19.9% - written quotes on request).

CREDIT TERMS AVAILABLE

10% deposit & 12, 24 or 36 monthly payments (APR 19.9%) or 0% interest available on selected products over £1000 - Subject to status - Call for details

WE PRICE MATCH

If before you make your purchase from a Silica store, you see the same goods offered at a lower price by a local competitor, we will match them on a Same Product - Same Price basis. For customers who order by telephone, we will match other mail order companies prices (including their delivery charge). All price matches are subject to our competitor having the goods in stock.

WE OFFER DISCOUNTS

To Business, Education and Government purchasers who place volume orders. Call 0181-308 0888.

WE SUPPORT YOU

Free Technical Helpline - 0181-309 1111 and Free brochures available on request.

MAIL ORDER & HEAD OFFICE: Silica House, Hatherley Road, Sidcup, Kent, DA14 4DX

SILICA IS A DIVISION OF PROGIS PLC

23 STORES

NATIONWIDE

BRISTOL	Debenhams - (3rd Floor),	St James Barton	0117-929 1021
*CARDIFF	Debenhams - (1st Floor),	St. David's Way	01222 341576
CHELMSFORD	Debenhams - (2nd Floor),	27 High St	01245 355511
CROYDON	Debenhams - (2nd Floor),	11-31 North End	0181-688 4455
GLASGOW	Debenhams - (5th Floor),	97 Argyle St	0141-221 0088
GLOUCESTER	Debenhams - (Lwr Grnd Floor),	Kings Square	0145-252 2121
GUILDFORD	Debenhams - (3rd Floor),	Millbrook	01483 301300
HARROW	Debenhams - (2nd Floor),	Station Rd	0181-427 4300
HULL	Debenhams - (2nd Floor),	Prospect St	01482 325151
IPSWICH	Debenhams - (2nd Floor),	Westgate St	01473 221313
LONDON	Silica	- 52 Tottenham Court Rd	0171-580 4000
LONDON	Debenhams - (3rd Floor),	334 Oxford St	0171-580 3000
*LONDON	Harrods	- (3rd Floor), Knightsbridge	0171-730 1234
LUTON	Debenhams - (1st Floor),	Arndale Centre	01582 21201
MANCHESTER	Debenhams - (3rd Floor),	Market St	0161-832 8666
PLYMOUTH	Debenhams - (3rd Floor),	Royal Parade	01752 266666
ROMFORD	Debenhams - (3rd Floor),	Market Place	01708 766066
SHEFFIELD	Debenhams - (3rd Floor),	The Moor	0114-276 8611
*SHEFFIELD	Debenhams - (L Ground),	Meadowhall Ctre	0114-256 9779
SIDCUP	Silica	- Silica House, Hatherley Rd	0181-302 8811
SOUTHAMPTON	Debenhams - (1st Floor),	Queensway	01703 223888
SOUTHEND	Keddies	- (2nd Floor), High Street	01702 462426
*THURROCK	Debenhams - (1st Floor),	Lakeside Centre	01708 863587

SILICA DEBENHAMS

*These stores carry a selected range only but products can be ordered in the stores via Mail Order

FREE BROCHURES

CALL 0181-309 1111 OR RETURN THE COUPON
To: Silica, CMUSR-1195-270, Silica House, Hatherley Rd, Sidcup, Kent, DA14 4DX

☐ Please send me an Amiga brochure - free of charge
☐ Please send detailed information on the following products:

....

....

Mr/Mrs/Miss/Ms: .... Initials: ....

Surname: ....

Company (if applicable): ....

Address: ....

....

....

.... Postcode: ....

Tel (Home): ....

Tel (Work): ....

Which computer(s), if any, do you own?

....

273A
3
06095

E&OE - Advertised prices and specifications may change - Please return the coupon for the latest information.

'060 SPEED FOR YOUR A1200/1500/2000 and A3000‡/4000 TODAY!

CYBERVISION 64

LIMITED OFFER
FREE PHOTOGENICS LITE SOFTWARE WITH CYBERVISION 64s FOR A LIMITED TIME!

64–BIT ENGINE A3000/4000 24-BIT COLOUR ACCELERATED GRAPHICS CARD. For all Zorro-3 Amigas, this 64-Bit high speed graphics engine/blitter offers up to 1600 x 1200 pixels in 8-Bit colour or 1024 x 768 pixels in True 24-Bit Colour, with 2Mb of display memory (4Mb user upgradeable).

Cybervision 64... 2Mb - £329.95 4Mb - £439.95

Request your FREE Technical Brochure

FREE PhotoGenics LITE...Powerful software for image manipulation - the ULTIMATE 24-bit graphics package for A3000 or A4000! Includes 27 effects for processing photos/images such as Emboss, Solarize, Texturize, Add Noise etc. as well as Paint Tools inc. Chalk Pastels, Crayon, Felt Tips & more - Brilliant! (Packaging is shown for illustration purposes only and is not included)

Photogenics LITE

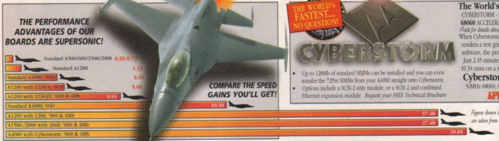
CYBERSTORM

THE WORLD's FASTEST... NO QUESTION!

The World's Fastest Amiga!
CYBERSTORM - THE FIRST and ONLY **68060** ACCELERATOR FOR THE A4000 (*‡ask for details about A300 compatibility too‡*). When Cyberstorm, a 50MHz 68060 board, renders a test graphic with Imagine 2.0 software, the processing time is FAST... Just 2.45 minutes - Compare this with 10.34 mins on a standard A4000 040/25!

Cyberstorm 68060/50
50MHz 68060, 0Mb (Exp. to 128Mb)
£PHONE!

- Up to 128Mb of standard SIMMs can be installed and you can even transfer the 72Pin SIMMs from your A4000 straight onto Cyberstorm.
- Options include a SCSI-2 only module, or a SCSI-2 and combined Ethernet expansion module. *Request your FREE Technical Brochure*


THE PERFORMANCE ADVANTAGES OF OUR BOARDS ARE SUPERSONIC!

COMPARE THE SPEED GAINS YOU'LL GET!

Figures shown in our chart are in MIPS and are taken from comparative performance tests using SysInfo

BLIZZARD 1220/4

28MHz 68EC020 A1200 TURBO 4Mb, 32-Bit RAM Expandable to 8Mb

Multi award-winning BLIZZARD 1220/4 4Mb TURBO...
Offers by far the best price/performance ratio of any A1200 32-Bit RAM expansion on the market incorporating everything a good memory expansion should - such as a Real Time Clock, RAM expandability, optional FPU etc. And, with its Motorola Processor running the 32-Bit FAST RAM at an amazing 28MHz, the 1220/4 has broken all the barriers! Check the facts for yourself and fit the BEST Amiga A1200 Turbo Memory board.

Request your FREE Technical Brochure

- Integrated 28MHz 68EC020 Clock Speed Doubler for up to 300% overall performance increase
- Factory Installed & Tested 4Mb 32-Bit FAST RAM
- Expandable to 8Mb with Blizzard Add-4 Board
- Integrated Battery Backed Real Time Clock
- Easy Trapdoor Installation
- Can be disabled in situ for full games compatibility

1220/4 Turbo 28MHz 68EC020 4Mb 32-Bit Fast RAM, expandable to 8Mb	£199.95
Add-4 Board - extra 4Mb for 1220/4 4Mb 32-Bit Fast RAM add-on	£169.95
Motorola Maths Co-processors 68882 PLCC type FPU, 25/33MHz	£Call

THE AWARD WINNING A1200 RAM EXPANSION!

What the Mags think...

1st Place Amiga Shopper Reader Awards

Amiga Shopper said "in short if you want the fastest Amiga in the World, you have no option" Amiga Computing "...Amigas can now do anything Pentiums can" - 9/10 Amiga Format "...buy one as soon as you get chance" - 95% rating

BLIZZARD 1230-IV

NEW...

50MHz 68030 A1200 TURBO ACCELERATOR - 0Mb Expandable to 128Mb

THE highest performing A1200 68030 Accelerator!
The NEW 1230-IV is the successor to the market leading 1230-III board. Not only has there been an INCREASE in specification, but at the same time, a DECREASE IN PRICE! With its 50MHz 68030 and MMU, the new 1230-IV offers EVEN MORE for LESS! Up to 500% performance gain is achieved and options via its Fast Expansion Bus include Modules such as a SCSI-2 Controller. A standard SIMM socket provides for up to 128Mb auto-configuring 32-Bit FAST RAM (or 256Mb with SCSI-2 option).

- Easy Trapdoor Installation
- Battery Backed Self Recharge RT Clock/Calendar
- High performance DMA expansion with full 32-Bit wide DMA
- 68030 may be disabled with a simple keystroke on boot up allowing full games compatibility - even badly programmed, older software!
- PGA FPU Socket allowing optional 50MHz, 68882 FPU

1230-IV Turbo[1] 50MHz 68030 & MMU 0Mb 32-Bit Fast RAM, Expandable to 32Mb	£199.95
SCSI-2 Module[1] for 1230-IV Turbo (with additional 128Mb SIMM socket)	£89.95
Motorola Maths Co-processors 68882 PGA type FPU, 50MHz	£79.95
4Mb SIMM RAM Expansion 32-Bit, 72 pin (*Call for Larger SIMMs prices*)	£134.95

THE WORLD's FASTEST A1200 '030 ACCELERATOR!

Blizzard and Cyber products have lead the way for Amiga add on boards, extending performance for the home and business user alike. They've consistently achieved the highest magazine accolades & awards! Not surprising then, that for the introduction of the World's FIRST series of '060 technology add in boards available for YOUR Amiga, Blizzard and Cyber are again the name to innovate! A new range for A1200/1500/2000/3000‡ & 4000 Amigas look set to earn even further recognition.

[1] *Available 3rd Quarter '95* [2] *Available 4th Quarter '95*

BLIZZARD 1260

NEW...

50MHz 68060 A1200 TURBO ACCELERATOR - 0Mb Expandable to 64Mb

The '060 revolution is here NOW for YOUR A1200!
The NEW Blizzard 1260 Accelerator gives you the World's fastest A1200! With its 50MHz **68060** and MMU, the new 1260 offers unsurpassed performance 4 to 5 times faster than an Amiga A4000/040! Options via its Fast Expansion Bus include Modules such as a SCSI-2 Controller. A standard SIMM socket provides for up to 64Mb auto-configuring 32-Bit FAST RAM (or 192Mb when utilising the SCSI-2 option).

- Easy Trapdoor Installation
- Battery Backed Self Recharge RT Clock/Calendar
- High performance DMA expansion with full 32-Bit wide DMA
- 68060 may be disabled with a simple keystroke on boot up allowing full games compatibility - even badly programmed, older software!

1260 Turbo[1] 50MHz 68060 & MMU 0Mb 32-Bit Fast RAM, Expandable to 64Mb	£599.95
SCSI-2 Module[2] for 1260 Turbo (with additional 128Mb SIMM socket)	£99.95

BLIZZARD 2060

50MHz 68060 A1200 TURBO ACCELERATOR - 0Mb Expandable to 128Mb

The '060 revolution is here for YOUR A1500/2000 too!
The NEW Blizzard 2060 offers the same features/performance as the 1260 to the AMIGA 1500 and 2000 user, whilst allowing up to 128Mb RAM

2060 Turbo[2] 50MHz 68060 & MMU 0Mb 32-Bit Fast RAM, Expandable to 128Mb	£699.95

All Blizzard and Cyber products use brand new MOTOROLA 680X0 series processors (not second hand as in some of our competitors' boards). They always run **WITHIN** the electrical timing specification laid down by Motorola to prevent any possible overheating/reliability problems. When you pay for a new 50MHz CPU for example, that's exactly what you get - not a 40, 33 or even a 25MHz CPU "clocked" to 50MHz! Look out for the **MOTOROLA MOTIVATED** logo - your guarantee of our commitment to quality and reliability - **BEWARE** of "clocked" CPUs!

gordon harwood computers

the UK's favourite Amiga Dealer

GORDON HARWOOD COMPUTERS LIMITED
Dept: cua/B4 NEW STREET, ALFRETON, DERBYSHIRE. DE55 7BP

Tel: 01 773 836781
Fax: 01 773 831040

VISIT OUR SHOWROOM THERE'S PLENTY OF FREE PARKING CLOSE BY... ASK US TO FAX A MORE DETAILED MAP IF YOU'RE VISITING US...
A61 To Chesterfield
M1 North
ALFRETON
Traffic Lights
GORDON HARWOOD COMPUTERS
A38 To Mansfield
TRENT BUSES
New St.
Jctn 28
A38 To Derby
Granada Hotel
Jctn 27
ONLY 5 MINUTES FROM THE M1!
M1 South

"Why not pay a visit to our Showroom where our Amiga products are on display".
OUR OPENING TIMES ARE... Mon-Sat, 9am until 5pm

BY PHONE: Simply call our order line. We accept Visa, Mastercard, Access, Switch, Connect, Delta and Lombard Creditcharge (most 'store cards' are Lombard eg. Dixons, Currys etc).

BY POST or FAX: Include your name, address and daytime phone number plus order details. If charging a credit/debit card include... number and expiry date (also issue number with Switch cards). Make Cheques (allow 7 days clearance prior to despatch), Bankers/Building Society Drafts or Postal Orders payable to Gordon Harwood Computers

PRICES: Please remember to confirm prices in case you are looking at an 'old' magazine. Prices can change (up or down) before the magazine's cover month has passed. Please confirm before sending orders by post.

DELIVERY: We ship promptly and offer delivery of all orders throughout Mainland UK & most products overseas. If your order is urgent we have priority despatch options with express delivery available.

EXPORT: Most items are available at TAX FREE PRICES to non EC residents & overseas UK Armed Forces Personnel (with CO's document). Please call us for confirmation of prices and carriage charges.

ScreenScene

If I seemed a little bit negative last month, I'm sorry. It's just that when you have three games to review in an entire issue things look pretty bleak.

However, as promised, the ECTS (European Computer Trade Show) came along and blew some of our blues away. The mood there was actually one of desperation though as far other platforms were concerned. With the fall from grace of both the SNES and the Megadrive and overcrowding in the PC market, the whole show was geared towards the saviours - Messrs Playstation and Saturn. And from what I saw it's going to take a lot of sales to recoup the development costs of games on these machines. So what's needed in the games market right now are some cash generating volume sellers.

Which brings me to my point. If publishers hadn't been so quick to drop the Amiga they mightn't be so down on their luck now. For years the Amiga was the bread and butter of the industry, fuelling development for other platforms and paying for the big, extravagant parties they were fond of at ECTS.

'But Amiga games don't sell well any more', is the stock answer to this type of argument. Rubbish. A good Amiga game still sells ... only bad ones fail. And fail miserably. But software publishers prefer to hide behind 'market trends' instead of admitting to sloppy development strategies.

Alan Dykes, Editor

PREVIEWS

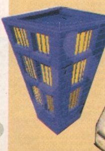
- **Total Football** 42
- **Super Streetfighter 2 Turbo** 43
- **Team** 43

REVIEWS

- **Fears** 44
- **Citadel** 46
- **Pinball Mania** 48
- **Hollywood Hustler** 50
- **Wheelspin** 54
- **100 Top CD32 Games** 59

TIPS & GUIDES

- **Vampyra** 63
- **Snip Tips** 64



DATEL DIRECT

01782 744707
24hr Mail Order Hotline

Access VISA SWITCH

buying direct from the manufacturer means both low prices and a service second to none !

FAX 01782 744292

DIGITIZING TABLET
NOW ONLY £99.99

AS AN ALTERNATIVE TO THE STYLUS INPUT THE GENIUS TABLET ALSO HAS OPTIONAL FOUR BUTTON PUCK.

GENIUS PUCK

GENIUS PUCK
£29.99 For Digitizing Tablet

▲ With the Amiga Genitizer Graphic Tablet you can streamline the operation of most graphic or CAD programs.
▲ The Genitizer Graphic Tablet utilises latest technology to offer up to 1000 dpi resolution at the tip of a stylus.
▲ Complete 9"x6" digitizing area plus super accurate stylus combine to enable fast, accurate and easy control.
▲ Works by "mouse emulation" so the Genitizer will work with most packages where mouse input is the usual method-Deluxe Paint, Photon Paint, CAD Packages, etc.
▲ Supplied with template for Deluxe Paint..
▲ This is the input method used on professional systems.
▲ Fast input of drawing by "tracing" is made easy - plus "absolute reference" means you can move around the screen many times faster than by a mouse.
▲ The Genitizer fits in the serial port of your Amiga 500/500+/600 /1200/1500/2000 and "co-exists" with mouse.
▲ Unlike a mouse, the tablet gives absolute co-ordinates so that tracking and menu selections are possible from the tablet face.
▲ A pressure sensitive switch built into the stylus tip activates the Tablet overriding the normal mouse input. When you are not using the Tablet, you have normal mouse control.

FREE PC INSTALLATION PACK
IF YOU BUY A GENIUS TABLET SYSTEM FOR YOUR AMIGA YOU WILL ALSO RECEIVE SOFTWARE AND MANUALS FOR INSTALLATION ON A PC ABSOLUTELY FREE!

SMART UPS

With this un-interruptable power supply unit your system is totally protected from massive data loss due to mains power failure or voltage surges and spikes. If mains power is lost the SMART UPS 300 will automatically switch to standby power within milliseconds enabling your system to continue unaffected.

The SMART UPS 300 has both LED and audible alarm to indicate that the mains has failed, alerting the user to enable a shut down as required. Because many system failures are caused by mains fluctuation and not always mains failure theSMART UPS 300 also has EMI and RFI noise filters to deliver super clean power.

SMART UPS 300
£119.99 For data security

HIGH RES HANDY SCANNER

Genius

FREE PHOTON PAINT

▲ An easy to handle Scanner featuring 105 mm scanning width & 400 dpi resolution enables you to scan graphics/text into your Amiga 500/500+/600/1200/1500/2000..
▲ Includes hard disk transfer to run under Workbench.
▲ Adjustable switches for brightness/ contrast levels.
▲ Geniscan gives you the ability to scan images, text or graphics & even offers 200 Dpi Dual Scan Mode..
▲ Scan Grey Software included to convert half tone images to true Grey scales. Includes editing, zoom & processing features.
▲ Save images in suitable format for most leading packages including PHOTON PAINT, DELUXE PAINT, etc.
▲ View window and position control panel.
▲ Powerful partner for DTP that allows for cut & paste editing of images etc.

HANDY SCANNER
NOW ONLY £79.99 With FREE PHOTON PAINT

MIDI MASTER PROFESSIONAL MIDI INTERFACE

FULL FEATURE MIDI INTERFACE

THE BEST SELLING MIDI INTERFACE FOR THE AMIGA
▲ Full specification Midi In, Midi Thru and Three Midi out sockets.
▲ Stylish case to match Amiga colours
▲ Fully Opto Isolated.
▲ Compatible

Amiga's best selling Midi Interface PLUS Amiga's best music package, together!

MIDI MASTER
£19.99 Complete with 2 FREE midi cables

£39.99

SPECIAL OFFER ! MIDIMASTER PLUS MUSIC X

MICRO MIDI

FULL FEATURE MIDI INTERFACE

NEW LOW PRICE

▲ Low cost Midi Interface.
▲ Midi In, Midi Out and Midi Thru.
▲ Opto Isolated.
▲ Compact design.

MICRO MIDI
£11.99 Amiga 500/ 500PLUS Amiga 600/ 1200

REPLACEMENT POWER SUPPLY

▲ Switch Mode Electronic System.
▲ 4.5 Amp Output.
▲ Cool Running.
▲ 13 Amp UK approved mains plug.

REPLACEMENT SUPPLY
£39.99 Direct Plug-in Replacement

Competition PRO CD 32 JOYPAD

CD 32 JOYPAD
£16.99

▲ TURBO FIRE
▲ SLOW MO & AUTOFIRE
▲ 8 WAY SUPERSWITCH.

AMIGA HYPERPAD

2 BUTTONS EACH WITH SPEED CONTROL PERFECT FOR REAL ARCADE STYLE GAMES

AMIGA HYPERPAD
£12.99 AUTOFIRE SPEED SELECT

MAGNETIC CARD READER

Explore the data hidden on Credit Cards, Debit Cards, Security & Membership Cards etc.
Simply swipe your card and read the contents
Reads tracks 1,2 and 3
Plugs into your Amiga Joystick Port.

MAGNETIC CARD READER
£59.99 Complete system

VIDEO DIGITIZER 2

A low price real-time video frame grabber for the A500
Save images as Raw or IFF
Mono digitizing at an affordable price

VIDEO DIGITIZER 2
£29.99

IDEAL FOR DTP etc

GOLIATH

NEW

GOLIATH HAS THE POWER

Goliath is a direct power supply replacement with a difference! If you have an Amiga with a large hardrive, extra memory, accelerator board or indeed any powerful add-on then a standard Amiga power supply just cannot cope. The Golliath packs more power than you can possibly need.

▲ Fan cooled.
▲ Heavy duty case.
▲ Switch mode electronic system.
▲ Full 200 watt output.
▲ On/Off switch.
▲ 13 Amp uk approved mains lead.
▲ Direct plug-in replacement.
▲ Also available for cd 32.

GOLIATH POWER SUPPLY
£44.99 3 times the power of a standard power supply

AMAZING 200 WATTS OUTPUT!

THE ANSWER TO ALL YOUR DISK BACKUP PROBLEMS

SYNCRO EXPRESS is a sophisticated hardware *and* software package that works by directly controlling your second drive as a slave device ignoring the Amiga's own disk drive controller. This way SYNCRO EXPRESS delivers power to backup programs,when other backup sys

▲ The most powerful disk backup system ever conceived.
▲ Very simple to use requires no user interface.
▲ Powerful "SYNCRO MODE" actually synchronises your drives to achieve even greater backup power!
▲ Menu driven selection of start/end track. Upto 85 tracks.
▲ Totally "transparent" hardware switches out automatically when not in use.

SYNCRO EXPRESS
£34.99 For A500/600/1200

NOW VERSION 5.0

WARNING 1988 COPYRIGHT ACT
It is illegal to make copies, even for your own use, of copyright material, without the given permission of the copyright owner, or the licensee thereof.

707
tline

2 744292

SCANNER

enius

FREE PHOTON PAINT

uring 105 mm
n enables
r Amiga

un under

ess/ contrast

to scan
fers 200 Dpi

o convert half
ncludes
es.
for most
TON PAINT,

trol panel.
llows for cut

ANNER
h FREE
ON PAINT

etc.
l the contents

Port.

ADER
mplete
ystem

2
rame

OR DTP etc

PRESS
99
500/1200

OW
SION
.0

Pro ACTION REPLAY FOR THE A1200

Designed and Manufactured by DATEL ELECTRONICS

SPECIAL FX SYSTEM

NOW PLAY YOUR FAVOURITE GAMES TO DESTRUCTION!

ACTION REPLAY GIVES YOU THE POWER TO FREEZE ANY PROGRAM AND TAKE TOTAL CONTROL!

- NEW Save the entire program in memory to disk. The saved program will reload and run from the point where it was frozen. Perfect for backup & game save option.
- NEW Game trainer feature gives you the power to find cheats within any game. Infinite LIVES, ENERGY, LEVELS etc. Ultimate GAME BUSTING POWER,
- Screen Grabber option lets you freeze and save screen to disk. Pictures saved in IFF format suitable for all leading graphics packages.
- NEW Powerful monitor functions give you all the tools to freeze and hack the program in memory. Full 68020 assembler/disassembler. Breakpoint & trace- single step commands Remember that ACTION REPLAY lets you view the program in it's frozen state- no other toolkit can offer this feature.
- NEW Powerful hardware features custom logic and on-board scratch ram so No AMIGA MEMORY IS USED.
- Works with up to 8 megs of Amiga RAM!
- NEW Very simple to install.. Just plug into A1200 trapdoor.

HARD DISK SUPPORT

A1200 ACTION REPLAY
£59.99 Amiga1200

Very simple to use - Just press the freeze button to take total control of the frozen program in memory.

THE POWER TO BUST YOUR GAMES WIDE OPEN!

DATEL DIRECT

Here at Datel we have been designing exciting computer peripherals for over 0 years.

By dealing direct with the manufacturer you can be sure we offer the latest products at the keenest prices.

Our sales and technical staff will be pleased to advise you and we will deliver your order to your door within days.
Why not give us a try.

01782 744707
24hr Mail Order Hotline

8 BIT SOUND SAMPLER

FULL 8 BIT SAMPLING AT A NEW LOW PRICE

- Full 8 Bit Sound Sampling System. For A500/1500/2000/1200.
- Fits into Printer Port.
- Complete Hardware/Software package including Sound Sampler

8 BIT SOUNDSAMPLER
£19.99 Amiga 500/ 500PLUS Amiga 600/ 1200

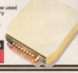
1500/2000 POWER SUPPLY

- Switch Mode Electronic System.
- Direct replacement
- Cool Running.
- Fits 1500 and 2000.
- Low, Low price

1500/2000 REPLACEMENT POWER SUPPLY
£79.99 Direct Replacement

AMIGA VIDEO INTERFACE

- This Amiga video interface allows you to output S-VIDEO or COMPOSITE PAL from your Amiga.
- Connects to Amiga monitor port Thru connector allows standard Monitor to be connected simultaneously
- Separate output gives S-VIDEO or COMPOSITE PAL output (please state which required)
- Ideal for many video applications including titles etc.
- Allows Amiga to be used with any SCART TV if you don't have an Amiga monitor



VIDEO INTERFACE
£34.99

INTERNAL MIDI CARD

FULL FEATURE MIDI INTERFACE

- INTERNAL MIDI CARD FOR A2000/1500/3000
- Full feature Midi Interface - Midi In, Midi Thru and Three Midi outsockets
- Opto Isolated.

INTERNAL MIDI CARD
£19.99 Amiga 2000,1500 3000

REPLACEMENT DISK DRIVE

- Top quality external 3.5".
- Quiet operation.
- Small footprint slimline design.
- Built-in anti-click feature.
- Daisy chainable via thru port.
- No need for external PSU.

REPLACEMENT DISK DRIVE
£49.99 Direct Plug-in Replacement

3.5"INTERNAL FLOPPY DRIVE

NEW

- Quality Chinon Mechanism .
- Features special eject button.
- Quiet operation.
- Includes mounting pillars.
- Comprehensive instruction manual.

INTERNAL DRIVE

Amiga 500/ 500PLUS	Amiga 600/ 1200
£39.99	£49.99

AMPLIFIED STEREO SPEAKERS

YOUR AMIGA HI-FI STEREO SOUND. WHY PLAY THIS THROUGH A SMALL TV SPEAKER WHEN YOU CAN HAVE FANTASTIC HEAD-BANGINGLY GLORIOUS ARCADE STEREO?

10 WATTS
£14.99

Logic 3
MAGNETICALLY SHIELDED

- Blasts out 10 watts of power!
- Clip onto your TV/ Monitor.

50 WATTS
£34.99

Logic 3
MAGNETICALLY SHIELDED

- Built -in 2 way bass reflex amplifier.

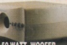
70 WATTS
£79.99

- Built -in 2 way bass reflex amplifier. 2" tweeter 3" woofer.

50 WATT WOOFER

Built-in high quality 50 peak output power amplifier.
Delivers un-matched low end power.
Can be combined with speakers above to create a total sound system.
Master volume control for woofer as well as other speakers.

50 WATT WOOFER
£59.99



50 WATT WOOFER

ACTION LINE BBS

5 NETWORKED PC's WITH OVER 10 GIGS OF DATA

ACTION LINE is the biggest and best BBS yet! Over 10 GIGS of data. Loads of game cheats, PD shareware, images,chat, adverts, Large AMIGA only section - Plus much, much more!
All speeds to v32 FAST.

SUBSCRIPTION & VIEW NUMBER
01782 744199 5 lines

INSTANT DOWNLOAD NUMBER
0891 516353 8 lines
No subscription- Just pay for the call*

ACTION LINE BBS

*0891 calls cost 36p /min cheap rate, 48p at all other times

DEALER ORDERS WELCOME

CALL 01782 744707 and we will ship your order same day*

EXPORT ORDERS WELCOME

- Please add £2.00 per order.*
- For next day delivery add £5.00
- For export orders we will quote shipping at cost via UPS.

01782 744707
24hr Mail Order Hotline
FAX 01782 744292

* stock items
* except where inclusive

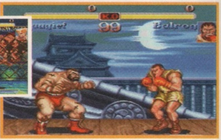
DATEL DIRECT

GOVAN ROAD,
FENTON INDUSTRIAL ESTATE,
FENTON, STOKE-ON-TRENT,
ST4 2RS, ENGLAND
01782 744707

Super Streetfighter II Turbo

■ Due for Release: November

■ Publisher: Gametek © 01753 553 445



▲ Russian wrestler Zangief and US boxer Balrog make fierce gestures at each other somewhere in China, last week. A fight is on the way. Queensbury rules lads, OK.

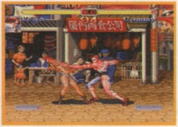
"If you're a *Super Streetfighter* fan you'll know the difference," was Gametek's Marcus Beer's confident response to the question of why they were bringing out a new *SSFII* game so soon after US Gold's.

Admittedly the PC version of *SSFII Turbo* knocked the socks off *SSFII*. But will the same hold true for the Amiga? So far it all sounds very promising.

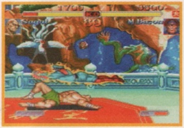
The first and obvious difference between this and US Gold's version is speed. The turbo speed setting on the PC version of *SSF II Turbo* is incredibly fast and Gametek are hoping to achieve the same results with the Amiga.

Welcome additions include a new boss, Akuma, and the ability to perform super combos ... quickly carrying out your fighter's special move twice in succession when your power bar is full will send into super combo mode where you can pulverise your opponent. It won't be keyboard operated but Gametek say that they will be utilising the full capabilities of the CD32 joypad. Due to be released for the A1200 and CD32 only, it should be available for review next month. ■

Lisa Collins



▲ The graphics are looking very good in the Amiga version of SSFII Turbo. Well, so far anyway.



▲ Frying tonight. Carrying out your fighter's special move twice in succession will send you into a slow motion frenzy of violence.

Total Football

■ Due for Release: October ■ Publisher: Domark © 0181 780 2222

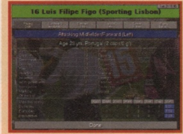
"This is more like it", I thought, when I saw the latest version of this new footy game. For a start the sprites on the pitch looked like real football players, not just undistinguishable blobs of colour. You could tell whether they were heading the ball, kicking it or just standing about. Domark have spent some time getting the players to look as realistic as possible and proudly claim that "over 2500 frames of animation have been used to make the sprites look and move as realistically as possible."

Unfortunately we only took one picture of the game with the sprites in it, and blast Mat Broughton if he hasn't used it on his news page. If you want to see it turn to page 24. So I'm stuck with these menu pics. Thrilling don't you think?.

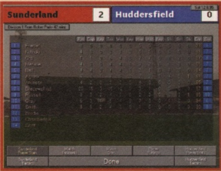
One of the interesting new features of this isometric-viewed game is that you are able to able to control post-goal celebrations as well as pre-goal tactics. Shenanigans include back flips, cart wheels, diving to the ground (Juuuurgen Klinsman!!), strutting to the corner with your hands aloft and a lap of honour. Using a circular menu system you can control exactly what type of celebration and how long or short it is.

What will they think of next? Soon games like this will no doubt have de-toxification clinics for alkie centre forwards and pitch invasions where player one controls the crowd and player two controls the cops. ■

Lisa Collins


16 Luis Filipe Figo (Sporting Lisbon)
Attacking Midfielder/Forward (Left)
Age 23 yrs. Portugal (2 caps/0 gl)
Done

▲ Here we have a complete breakdown on our man's strengths and weaknesses. Hmmm techniques 20, stamina 13, sounds interesting.



▲ Here's Sunderland's team statistics. Nice and moody graphics.

er

each other
ds, OK.

ncredibly
eve the

boss,
per
fighter's
hen your
combo
oppo-
but
g the full
to be
ly, it
nonth. ■

on games
ication
d pitch
s the
cops. ■

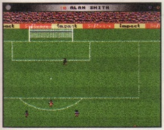
Team

■ Due for Release: December
■ Publisher: Impact Software ✆ 0181 988 8888

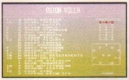
As the footy season kicks off, football games are predictably churned out by various software houses again. This is good news for football fans, but bad news for games reviewers as, let's face it, most football games tend to be ... er, very similar if not identical.

However, the one to beat is still *Sensible Soccer*, and only time will tell whether it can be bettered.

Team will have all the standard football game options: cup and league competitions, team editing facilities, action replay and kit make-up options.



▲ The 'superbly animated' sprites in action. Pass me the magnifying glass please?

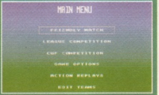


▲ Here you can fiddle about with some tactics to find which one will suit you best.

Impact are also promising screen updates of 50 frames per second and 'superbly' animated sprites. Having played through an early version, the game does update very quickly but I beg to differ with the 'superbly' animated sprites claim. Said sprites are extremely small so it's incredibly difficult to see if they are actually performing all that is promised. Check out the screenshots for an example of the minuscule size of the sprites. Features are supposed to include sliding tackles and headers, though. However, the version we saw was in its embryonic stages so things could still look brighter (or more animated at least). ■

Lisa Collins

Choices, choices



Team will allow you to choose a lot of things. Including playing football.

Friendly match: test out your skills by engaging in a bit of hot footy action with another team.

League Competition: In the league competitions you can decide how many teams will be in it, how many points are awarded for a win and so on.

Cup competition: Up 32 teams will be able to compete in the cup competitions. You should be able to decide how many legs will be played, which rounds will be decided by replays, extra time, and penalty shoot outs.

Game options: standard options, either one or two player.

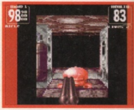
Action replays: This feature should allow you the play, fast forward, slow play and frame advance.

Edit teams: This option will allow you to select your team from a squad of 22 players. You can change names, hair, skin colour, shirt numbers, sex (scrub the last one).

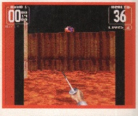
ASCON

The dream starts here...

Fears



▲ The enemy: combined with floating sea anemones and baby soldiers he'll make your life miserable.



▲ And so he met his death in a massively frustrating pit of lava after shooting a lump of strawberry jelly.

■ **Price: £29.99** ■ **Publisher: Manyk © 01302 890000**

Fears is not a good name for game. But will gameplay triumph over wordplay? Let's visit the world of Doom.

CU Amiga Magazine was the first magazine I ever wrote for, so I've still got a mile-wide soft spot for Commodore's best. That was back in 1987 (the mag was then called Commodore User) and the Amiga had just appeared. Shortly afterwards it had conquered the world as the best all-round computer on the planet. In the meantime the PC made do with paltry four-colour CGA war games where one block encountered another and whoever had the highest number came out best.

Doom patrol

But then *Doom* changed the face of PC and, indeed, computer gaming forever. Nothing that came before could compare to it and, for the first time in its life, the Amiga floundered. Now I'm not biased against any machine (unless it's an Amstrad) but even I thought the Amiga was ready to kick the bucket and take its place, lyre and all, in computer heaven. That was until *Gloom* and *Alien Breed 3D*. Sure, these were nowhere near as technically accomplished as *Doom*, but for the technology, the price of the hardware and the demands made on the machine by these games' programmers, both of these titles were in a league of their own.

Then along comes something like *Fears*. It's a typical example of a bunch of people trying to jump on a bandwagon that is clearly moving too fast for them. They've seen the Amiga producing worthy 'clones' of *Doom*, but it seems like explaining the concept of *Doom* games to them is like explaining quantum chromodynamics to a haddock.

You see, they've completely missed the plot. *Alien Breed 3D* and *Gloom* both trade on atmosphere. It's that 'what's around the next corner' feeling that makes them so amazingly playable. You don't know what's going to pop up next. You're under-armed, you're alone and if your pants aren't up to the job it's time to put your jeans in for a service wash.

AMMO 1
53
53
14
00
RIFLE
HEALTH
70
LIVES 3

Fears, on the other hand, looks like the programmers had come up with what they thought was a decent 3D engine and never looked any further.

They've ripped-off *Doom*'s graphics and they've tried to rip-off the playability. If it had been done well, they'd have been laughing. But they haven't. With Fears Manyk has created a game which doesn't get the player involved to any extent. All the way through I was simply concentrating on finding the exit. It wasn't a matter of survival and it didn't even reach the level of puzzle solving. I simply wandered round, wasted a few blobby creatures and either died, or went to the next stage.

Death, eh?

Fundamentally that's what this type of game is about. But there wasn't a single time I felt genuinely sorry I had died. When you're ambushed by half-a-dozen critters in *AB3D*, you can feel annoyed. It simply makes you want to go back and waste them. Here, though, you just feel 'What the heck, I'll have another crack because the next level might be better'. Unfortunately the subsequent stages offer precious little else and all the time you're fully aware that you're pounding away on an Amiga keyboard and not

Speed Traps

With a game like this, the performance capabilities of your Amiga can make a big difference as to how much you actually enjoy it.

A1200: ***Fears*** **is a tough game to play on a standard A1200. The frame rate's low, even on the smallest screen size, and it loses even more of the atmosphere. It really isn't worth bothering with if this is how you're going to have play it.**

ACCELERATED A1200: Fast, smooth and you'd could be forgiven for thinking it's ***Doom*****. Playing it tells a different story. The speed and visuals give way to the comical playability and you'll soon regret loading it.**

A4000: If you don't have a 50MHz accelerator, this is the only other machine worth playing ***Fears*** **on. Actually, it's not worth playing** ***Fears*** **on any machine when you could buy** ***Alien Breed 3D*** **or** ***Gloom*** **instead.**

ng sea anemones
e miserable.

ssively frustrating
strawberry jelly.

oncentrat-
It wasn't a
t didn't
puzzle
red round,
eatures
t to the

hat this
But there
elt genuine-
en you're
zen critters
nnoyed. It
to go
Here,
What the
rack
might be
e subse-
ious little
u're fully
ding away
and not

of your
ou

A1200.
ize, and
worth
lay it.

d be
fferent
l

is the
y, it's
could

TOP GUN

So which *Doom* clone is the one for you? Four contenders have a stake and, well, technically, they're all decent enough. I've played three of them:

ALIEN BREED 3D: My personal favourite. Yes, I'm a sad Aliens devotee, but this is also a brilliant game with relentless pace, constant threats, enemies you can actually be afraid of and a good two-player combat mode.

GLOOM: Slightly more traditional when it comes to *Doom*-a-likes. Which, for me at least, is the only reason to buy it ahead of *Alien Breed*. I don't think it's as cerebrally involving, but there's lots to shoot.

FEARS: Bottom of the pile and not by accident. I can't think of any reason why you should go for this game ahead of the other two. The other contender is Citadel, but I haven't played it yet.

actually engaged in a seat-of-your-pants fight for survival.

It isn't helped by the fact that you're attacked by pink octopuses and green dwarfs which look like escapees from the Roswell incident. It's more laughable than suspenseful. I'm all for progression, but I'd rather be running away from someone in tight trousers and a chainsaw than facing girly coloured sub-aquatic molluscs.

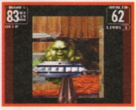
On top of all this is the grade-A cruddy head-to-head mode. When you encounter the other player, you get no indication that he's firing at you, presumably because they couldn't be bothered with the extra graphics. He just stands there, arms by his side, and the only time you realise you're being shot is when your energy starts going down. Neither is there any indication that you're hitting him. When I was playing against Alan I had to shout out 'are you losing any energy?' I genuinely though the game had crashed and we weren't hitting each other. If that doesn't suck like a kid with a McDonalds' milkshake, then I don't know what does.

Constructo-gameplay

The only real redeeming factor in Fears is the level designer. Hopefully, you should be able to create better levels, but why bother? The point about buying a game is to be entertained, not having to toil constructing your own far more interesting levels.

After writing this semi-diatribe, I can't help but feel that I sound a bit too harsh towards *Fears*. But then, after playing *Breed 3D* I don't see the point in this game. It's technically well put together, but the gameplay's all wrong. Because of that I can't recommend it, although it's also impossible to really mark it badly because it's not a truly bad product. Put it right at the bottom of your *Doom* clone list though. ■

Mark Patterson



▲ Gosh! It's Jabba the Hut's younger brother and he's about to kill you.

FEARS £29.99

- workbench version.........1.3+
- number of disks 2
- RAM..................................1Mb
- hard disk installable ......yes

	graphics	82%
A1200	sound	75%
	lastability	74%
A1500	playability	72%

A2000 OVERALL
A3000 It should have been so much
A4000 better than this.

74%

POLE-POSITION
FORMULA 1 TEAM MANAGER

Build your dream team and take pole position

Sports

For more information on ASCON's high octane, testosterone charged new Formula 1 management sim call us now on 0171 372 7544, and live that dream!

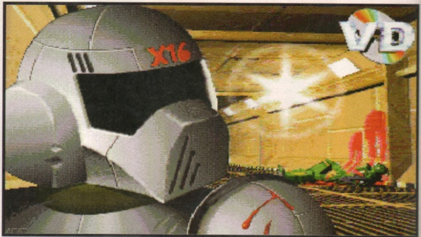
ASCON

Licensed by FOCA to Fuji Television, © by Ascon (UK) Ltd., 1995

Citadel

■ Price: £29.99 ■ Publisher: Black Legend © 01438 840003

The fourth and final instalment in the current batch of Doom clones arrives. Would Citadel please stand forward and make itself known?



It's funny the sort of thought processes that happen while evaluating a game. Often you start off with a wrong impression or expectation only to find, over the course of days, weeks even, that things are different, that your initial judgement was either right or wrong. With *Citadel* my mind changed several times and just prove I am not alone, so did the opinion of the rest of the office too.

There's absolutely no reason why I should tell you about the plot of *Citadel*, because if you don't have a handle on first person perspective *Doom*-style games by now you're either genuinely not interested, in which case you shouldn't be reading this, or German, where the laws of the land proscribe too much violence in computer games. Suffice to say that the aim is to create a game atmosphere with so much realism that it seriously excites the adrenal glands in a way that no top-down or side-on view shoot 'em up ever has.

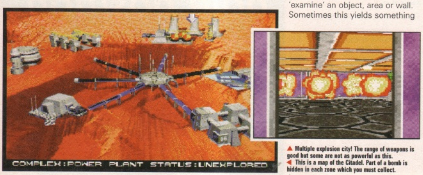
When *Citadel* was originally previewed it was a bit of a mystery. Having been used to blocky graphics in both *Gloom* and *Alien Breed 3D*, *Citadel* came as a surprise. Even up close, most of its features remained solid and the enemies, from marines to the ubiquitous floating worms looked convincing enough, even though their animation was a bit dodgy. Adding to the mystery was the fact that all of the text was in Polish (the developers, Arrakis Software and the unfortunately named VD are based in Gdansk), including the options and loading screen and the on-screen prompts.

On screen prompts? Yep. This is a bit of a departure for *Doom*-esque adventures. *Citadel* finds itself sitting (somewhat uncomfortably I found) on the fence between an old style graphic or text adventure and the new breed of shoot 'em up with which it so readily identifies. Not only does a little Reuters-style scrolling text bar at the bottom of the screen let you know what you've picked up when you run over an object, if you press fire without a weapon in his hand your character will 'examine' an object, area or wall. Sometimes this yields something valuable, like a hidden room or teleporter, sometimes it just scrolls 'I see nothing' or 'Nothing except stinking air' messages. These are all right to begin with, but soon begin to grate, especially if what you are after is action, not talk.

All action

But action there is aplenty. *Citadel* is a difficult game, even on easy mode. It's sometimes difficult to find a weapons upgrade and there are times when an unreasonable amount of aliens will attack you, giving you little hope of survival. This becomes annoying because although there are plenty of medikits around for you to pick up, you've got to reach them fast because there are no extra lives. At the end of each level you can save the game, but if you die horribly during a level you have to go right back to the main menu and start again.

To actually win the game you have to collect parts of a bomb and destroy the Citadel. The game is divided up into six areas and each one of these contains several levels and one piece of the bomb. After you have completed level one, the entry level, you don't automatically have to go



▲ **Multiple explosion city! The range of weapons is good but some are not as powerful as this.**
◀ **This is a map of the Citadel. Part of a bomb is hidden in each zone which you must collect.**

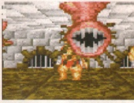
onto another set level, you can choose one of two which are accessible. In this way you can get more experience of the maze.

I've said it's difficult and it is, so thankfully Arrakis have included practice levels for each part of the Citadel. To have a hope of getting through the game you really need to play these practice levels first. Indeed, in many ways, true *Doom* seekers will enjoy the practice modes better than the real game because they are absolutely filled with handy weapons and dastardly enemies.

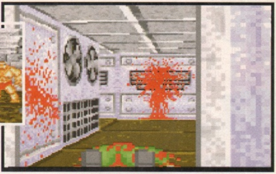
Runs on A500s

The really big news about *Citadel* though is the fact that theoretically it will run on an A500. You need 1Mb of RAM but yes, we've tried it on one and lo and behold it loads, it moves, it plays. That's something which AB3D, *Gloom* or Fears don't have! Though Mark Sibly is promising an ECS version of *Gloom*.

I say theoretically because although strictly speaking it does, ie it loads up and you can start playing it, it's pretty cheesy. In fact it's like wading through a vat full of hot Gorgonzola with with no peg on your nose. If you've ever seen the part in the A-Team where everyone goes into slow motion while there's a battle going on you'll have a rough idea of what *Citadel* is like on a basic Amiga, even if there isn't a battle in progress. Luckily you can scale the screen down to one fifth of its normal size and reduce the detail. This actually results in a faster game on an A500+ than on an A4000 040 in full screen mode. Unfortunately by this stage the playing screen is the size of a postage stamp, but boy does it fly. A pair of binoculars would be handy.



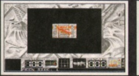
▲ Aggressive fat men and a pink alien. Yesterday.



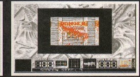
▲ Citadel is gory and no mistake. No 'Meaty' option here, just blood, liberally splashed about.

Size matters ...

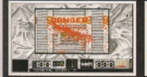
Citadel is designed to run on any Amiga with 1Mb of RAM. However, try running it at the standard screen size on an A500 and it's laughable. To help out there are a total of 8 different screen sizes and you can reduce the graphic detail and get rid of floors and ceiling. All of which will make it run like lightning on any machine – but at a cost.



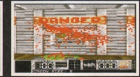
▲ An entry for the Royal Mail's new 'Doom' commemorative stamp? No, this is Citadel's screen setting number one. Pass the binoculars.



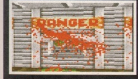
▲ This is screen size number three. More manageable than the postage stamp it gets the speed just about right on a basic A1200 but chugs on an A500.



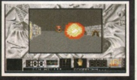
▲ The default screen size five. If you're happy to move forward occasionally on an A500 or chug along on an A1200 then this is the mode for you.



▲ For Clint Eastwood fans. Here's the wide-screen mode of setting six. This is big-accelerator-in-A1200 territory without a doubt.



▲ Glorious full screen mode, but slower than a BR train with autumn leaves on the track in front of it. This is 50MHz 030 and 040 territory.



▲ You can also turn off the floor and ceiling and reduce detail to a minimum. This doesn't effect the quality of the surrounding graphics, just the extras.

The news isn't that much better on an A1200, believe it or not. It's still slow compared to either AB3D or *Gloom*. Only when you get into speed realms of about 50Mhz (in either 030 or 040 form, take your pick) does *Citadel* really shine. It's speed is really top class with a decent machine behind it.

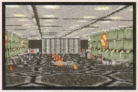
Tough decision

There are many things I don't like about *Citadel* though. The text bar at the bottom of the playing screen does get annoying from time to time for instance. When you bang into the wall it starts spewing out statements like 'ouch!' and 'watch where you're going' which are, quite frankly, very unamusing. The other thing about crashing into walls is that Arrakis have chosen to completely ruin their lovely close up graphics by deliberately corrupting them if you hit a wall. There is no need for this. A game like *Citadel* is supposed to convey at least some sense of realism, but the last time my senses went all fuzzy simply by banging into a wall (and I don't make a habit of this sort of thing readers) was when I braked too hard on my bike and went flying over the handle bars, age 12.

Another thing I didn't like was lack of power in some of the weapons. A double barrelled shotgun looks impressive, but isn't. Also, although effective, the flame gun simply lights up your enemy but doesn't 'down' them. It eventually will but in the meantime you can't walk past them and if they touch you you'll lose power points. On the up side though Arrakis have built in a brilliant mouse/joystick/keyboard control system that warmed my fingers with delight. With any game of this ilk, aiming your gun using the direction keys is a bit difficult, but using the mouse, precise shooting could be initiated.

As I said at the beginning, opinions on *Citadel* shifted like sand. One moment it was slow and rubbish, next it was 'take look at this, it's much better on an accelerated machine'. So it's a difficult one to score. On an standard A1200 it's worth about 78% and as a *Doom* clone it's worth about 70%. But then again, Arrakis never really intended it to be a direct *Doom* clone, it has too much of an adventure angle to it for that. If you look at it as a shoot 'em up/adventure hybrid and whack it onto a machine with oodles of fast RAM or a decent accelerator, it's worth about 85%. Finally I'm really going to stick my neck out here, but there is just no alternative to *Citadel* for A500 owners at the moment, despite the minuscule screen size you have to play it on. So get it. ■

Alan Dykes



CITADEL

A500
A500+
A600
A1200
A1500
A2000
A3000
A4000

- **workbench version.........1.3+**
- **number of disks 5**
- **RAM 1Mb**
- **hard disk installable ......no**

graphics............................ 87%
sound................................ 80%
lastability.......................... 84%
playability 80%

OVERALL
78% without an accelerator, I'm afraid.
85%

Pinball Mania

■ Price: £29.99 ■ Publisher: 21st Century © 01235 851852

What's this? A new game from 21st Century? My, whatever can it be? Lawks a mussy, what a surprise, it's a new pinball bash and it's free with the new Amiga 1200, hurrah!

Pinball eh? At the end of the day, it's just a load of old balls isn't? And bumpers. And lights and flippers and ramps and noises and bonuses and pure, unadulterated, adrenaline-pumping, fun-filled chaos. Isn't it? Well that's what it's supposed to be, at any rate. Unfortunately, the best laid plans often don't come to fruition.

21st Century are old hands at the pinball game game, having churned out tons of them in the past. In fact you can almost imagine what it's like at one of 21st Century's software development meetings:

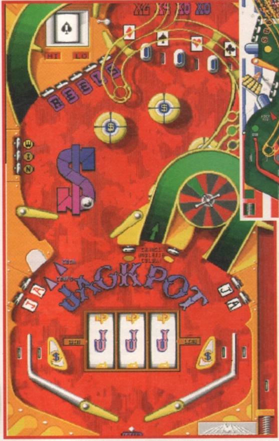
"So what sort of game shall we start working on next then guys? Any suggestions?"

"Hey boss, I've got a great idea, how's about creating a pinball game"

"Wow, that *is* great idea, let's get cracking and do it".

We may mock, but on the other hand computer pinball, if done properly, is great and 21st Century has certainly proved itself adept at the art, producing several extremely enjoyable ones in the past few years. *Pinball Illusions*, released at the beginning of this year, is a prime example of this, being a game which is adored by all and sundry here at CU Amiga Mag.

But enough of the history lesson, "what about the game in hand", I hear you scream? "Surely they can't continue to flog the same old dead horse without the whip breaking?" Okay, okay, I'm getting there. First up, a run down of what 21st Century have got on offer for us this time.

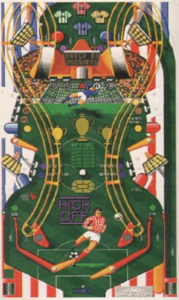


▲ The best table in the game, but it's not really worth the money if the other 75% aren't up to scratch. Could it be that new development team Spidersoft just aren't as experienced in the genre as Digital Illusions.?

Tables Galore

The first table is dubbed Tarantula and, funnily enough, has a subtle but undeniably distinct arachnid theme to it (there's a humungous great spider from hell plonked right in the middle of the table, for starters). The web related activities of this domain include, just to offer a few examples, a Multibonus where you have to light up the WEB letters to notch up a welcome 20,000 points. Follow this up with a ball shot through the flashing WEB letters and you pick up a huge X2 bonus and one million luverley points. Drop down the Scare rail or the Poison slot to pick up assorted points galore and if you finally manage to spell out TARANTULA (no mean feat because these babies are hard to reach) you notch up an earth-shattering 50,000,000 points.

And so it goes on with more and more targets to aim for to open up further point-scoring opportunities to push that total of yours into the multi multi-million bracket. The main attraction to head for, of course, is the the multi-ball mode achieved by



▲ Football/Pinball. We know which one we all prefer. (Speak for yourself – ed).

a

e we all

achnid
nungous
nked
table, for
l activi-
e, just to

ve to
o notch
nts.
shot
letters
2 bonus
oints.
or the
orted
nally
ANTULA
ese
you
ng

more
or to
ring
total of
million
on to
the
by

shooting the ball out of the FANG platform through the FANG escape (a task which is as hard as a very hard thing indeed). Not only is this an irritatingly difficult aim to achieve, but you only get a two-ball multi-ball which is a real let down. Surely the normal three-ball multi-ball wouldn't have completely broken the memory banks?

If you're a bit of an arachnaphobe, you can always go for a bit of correctional therapy in Jailbreak. Here a stern looking judge sits in judgment on your activities, while your balling antics can achieve the release or jailing of a suspect, start a riot or sentence a person to something particularly unpleasant. This table has got the unusual feature of a pair of flippers right in the middle which let's you aim for all those elusive bonus (not necessarily with any success, I might add).

For the footie fans there's a soccer themed table with football-associated bonuses such as fouls, goals, kick-offs, penalty shoot-outs and trophy targets to to aim the ball for.

My personal favourite was the Jackpot table which is more inventively designed and features coolish bonuses like the Hi/Lo, Roulette and Craps shots to go for, which were at least vaguely interactive if a little short-lived (after winning at Hi/Lo I would have preferred to carry on until I lost, for example).

The Bottom Line

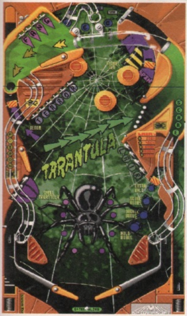
I've deliberately left any personal opinions of the game until fairly near the end because, quite frankly, they are not particularly favourable. It's not that Pinball Mania is a particularly bad game or anything, but then neither is it particularly good – it falls slap bang into the realm of average. From a company that has so much experience in this genre, I really would have expected much better than what they've gone and put on offer here.

My main quibble is with the bottom flippers, talk about limp; most of the time they have about much life in them as a fart in a bottle, pathetically nudging the ball barely centimetres up the screen. Consequently it's very difficult to get near the top end of the table where all the action is! To make matters worse, in my view, they are completely erratic – I believe in testing games thoroughly so I spent

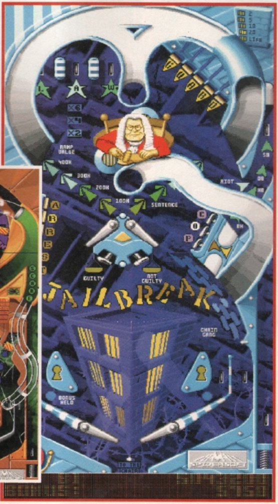
hours teeing the ball off from the exact same spot at the same angle on the flippers and the response was widely different nearly every time I tried it. Most times, as already mentioned, it was hardly worth the effort, but occasionally it would just shoot off at high speed for no particular reason that I could make out.

Some tables were better than others (I actually quite enjoyed the Jackpot table) but all were afflicted with the same maladies, as in lack of features and a rather flat, unrealistic feel to the gameplay. The music accompanying the whole experience is good but, unfortunately, the expected sound effects on bumpers and flippers are sadly absent. As I've said, *Pinball Mania* isn't bad and the disk-swapping ratio was perfectly acceptable, but I did come away feeling it was a bit of a let down, especially from a company with so much experience in this field. ■

Lucy Hickman



▲ It's hardly the scariest spider in the world. Looks more like a rubber one if you ask me.



▲ Looks like there's a bloody great Tardis in the middle of the table. We think it's time that 21st Century looked further afield and started licensing the excellent tables we keep finding in pubs.

PINBALL MANIA

A500
A500+
A600
A1200
A1500
A2000
A3000
A4000

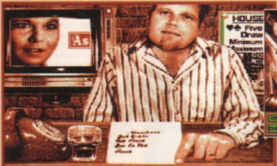
- workbench version.........3.0+
- number of disks 2
- RAM...............................2Mb
- hard disk installable ......no

graphics............................ 79%
sound................................ 72%
lastability.......................... 74%
playability.......................... 72%

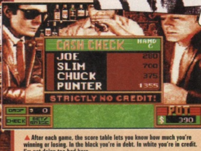
OVERALL
An average pinball sim that lacks features.
75%

Hollywood Hustler

■ **Price: £24.95** ■ **Publisher: Desert Star Software ✆ 01482 871210**



▲ Reader, meet Jackie (the one on the left, doh). Jackie is is a Virgo and is looking for that special guy. If you break into the high score stakes and win at Hustler level you and her get to have an intimate experience.



▲ After each game, the score table lets you know how much you're winning or losing. In the black you're in debt. In white you're in credit. I'm not doing too bad here.

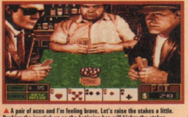
Tack is back. Loose women, strong liquor and a game of cards star in this cinematic er ... experience.

It's been a long and weary day, you've lost your job, your car has been repossessed and your girlfriend Barbie has just run off with her analyst. What's a boy to do? (A) Admit to being an irresponsible, commitment-shy lout (B) Sod responsibility, get pissed and blow your last pay check on a poker gambling spree. Yessum you guessed it. Seedy dark poker room here we come.

Hollywood Hustler, if you haven't already guessed, is a poker simulation game. Straight, no frills, five card poker game that takes place in a seedy location somewhere in Sunset Boulevard (California). If you haven't played poker before, the accompanying manual explains it all for you. Control is simple enough, all you have to select are the bet/raise, check or drop options and when you ask for new cards, choose the card you want to throw by selecting it and holding the joystick down.

Three endings

The aim of the game, obviously, is to win as much money as possible by pitting your wits against against three dubious opponents. These charming characters (not!) add to the overall ambience by uttering choice phrases such as 'who cut the cheese?' in drawling American accents and make loud farting noises. And just to make it even tackier, a topless waitress appears every now and then to fill up your glasses. For some it might be enough just to enjoy the thrill of winning a game of poker but Desert Star thought it would be a good idea to add an extra 'carrot' to the game. You see, as well as taking part in a game of poker you also get involved a storyline which has three different outcomes depending on how much you win or lose.



▲ A pair of aces and I'm feeling brave. Let's raise the stakes a little. Pushing the joystick up on the bet/raise box will higher the stakes.

When you sign in at the club, a TV is on in the background and a woman called Jackie (who's a Virgo, by the way) is describing her ideal date. If you lose money in the game you're sent head first down the steps of the club, but if you leave the table with a substantial sum you'll find yourself outside the club with the sound of high heels clicking towards you. If you make it to the high scorers table, however, you've hit the big time. You and Jackie get together and head off to the Hollywood hills for a night of passion which sees you leaping up and down shouting "suffer baby suffer". Hmmmmm.

Suffer baby

If this storyline wasn't tacky enough, the chunky digitised graphics make it even tackier. But that's obviously the aim. Apart from the gratuitous boobs on display, I enjoyed the game (as much as one does enjoy poker) and found it quite easy to win a fair amount. At the easiest level the Gods seem to smile on you and you are frequently dealt a very good hand. Things get trickier on the other two levels but not too much. To make it to the the Hustler high score table it's probably best to choose unlimited hands rather than the 15, or 25 hands options. This way you can get as much money as possible. Thankfully, there is a save game option so you don't have to play whole the game in one sitting.

I liked playing *Hustler* because I like a good game of poker. The characters farting and rambling didn't annoy me too much. There are cheaper PD poker games around but these don't have the added extra of digitised opponents to play with which seems to make it a bit more interesting than playing against the computer. However, the overinflated price tag of £24.95 is totally unjustified for what it is: a dressed up simulated poker game with dodgy graphics, tacky blues sounds and questionable ethics (ie topless women). ■

Lisa Collins

HOLLYWOOD HUSTLER

A500
A500+
A600
A1200
A1500
A2000
A3000
A4000

■ workbench version.........1.3
■ number of disks 3
■ RAM.................................1Mb
■ hard disk installable ......No

graphics	40%
sound	40%
lastability	60%
playability	80%

OVERALL

An overpriced poker game – what a hustle?

39%

good
jet
other
not too
e it to
high
proba-
ose
s rather
25
This
money
ere is a
don't
me in

because I
r. The
nbling
h. There
mes
ave the
ppo-
seems
resting
comput-
lated
ally
a
ker
cs, tacky
onable
n). ■

ER
...1.3
...3
...1Mb
...No
.... 40%
.... 40%
.... 60%
.... 80%
39%

FAST AMIGA REPAIRS

FAULTY TROUBLESOME COMPUTER ??

CALL FOR COLLECTION OR PERSONALLY DELIVER TO THE EXPERTS FOR FAST RELIABLE REPAIR OF YOUR AMIGA

FOR ONLY

£24.99

* NO OBLIGATION FREE QUOTE *

WE REPAIR TO COMPONENT LEVEL
A500, A600, 1200, 1500, 2000, 3000, 4000 & CD32

★ FREE GIFT WITH EVERY ★ REPAIR.
PLEASE SPECIFY

- MOUSE MAT.......................☐
- MOUSE HOLDER....................☐
- DISK CLEANING KIT...............☐
- ADD £5 REPLACE MOUSE............☐
- ADD £5 JOYSTICK SEGA STYLE....☐

BARGAIN HARD DRIVES

FITTED 85-500mb..............Call

EXCHANGE SERVICE

MODULATORS	£19.50
PSU	£19.50
DISK DRIVES	£25.50
KEY BOARDS	£25.50

★ 95% SUCCESS RATE ON ALL COMPUTERS
★ DOOR TO DOOR COLLECTION OF YOUR COMPUTER ANYWHERE IN THE UK.
142 TANNER STREET TOWER BRIDGE, LONDON SE1 2HG
Call FAST on TEL 0171 252 3553
E-MAIL PETER@FASTCOMP,DEMON.CO.UK

HOW TO ATTRACT GIRLS

EVERYTHING you need to know!

Only Available by Mail Order

Two unique new illustrated guides, reveal all the secrets and techniques that can bring you sex-cess with women – OR YOUR MONEY BACK!

1. HOW TO PICK UP GIRLS

REVEALS: • The best pick-up techniques. • Over 100 fantastic opening lines • How to instantly attract girls you have only just met. • A simple rule that will triple the number of dates you get. • Fool-proof conversation techniques. • How to win over "hard to get" girls. • How to date exceptionally beautiful girls. • How to be so great on dates girls will want to be with you again and again – and **much, much more!**

£12.95 postpaid.
A4 Soft cover. 72 pages

2. HOW TO SUCCEED WITH GIRLS

REVEALS: • More brilliant "pick-up" techniques and opening lines. • How to become "sexually attractive". • Secrets that girls will never tell. • What really turns a woman on. • The art of seduction revealed. • What you need to know to be "G.I.B." (Great in Bed). – and **much, much more!**

£12.95 postpaid.
A4 Soft cover. 64 pages

SPECIAL OFFER! Order both these amazing guides for just £20 Postpaid.

User reports confirm success:

"Just two days after receiving your guides I picked up the most beautiful girl I had ever spoken to in my life. It was something that one week earlier would have been impossible." **– D.S., London**

"My only disappointment is that it's available to other men and I can't keep what I've learnt all to myself!" **– D.B., Hemel Hempstead**

***MONEY BACK GUARANTEE:* If your not 100% delighted you may return either guide for a full no-questions-asked refund!**

Credit card holders may phone 01534-61 71 81 (24-hr answerphone)
CASUTI LTD., PO BOX 115, 20 BRITANNIA PLACE, ST. HELIER JE4 8QQ

YES! I want to be successful with girls. I understand that if I'm not 100% satisfied with the goods I receive I may return them in good condition for a full refund. On that basis please send me:

☐ HOW TO PICK UP GIRLS – Price £12.95 inc. p&p. ☐ HOW TO SUCCEED WITH GIRLS – Price £12.95 inc. p&p.
☐ I am ordering both of the above at the special combined price of just £20 inc. p&p.
I enclose a cheque/PO for £.............. payable to CASUTI LTD. (foreign orders add £3) or debit my ACCESS/VISA/MASTERCARD
Acc. No. Expires
Name...BLOCK CAPITALS PLEASE
Address..
.... Post Code.....................
CASUTI LTD., PO BOX 115, 20 BRITANNIA STREET, ST. HELIER JE4 8QQ
All orders are discreetly despatched under plain cover. CU

256 GreyScale Scanners/ AlfaScan 800
The ONLY 800dpi Hand Scanner for the Amiga!
Scanner with AlfaScan Software **£89.00**
with Touch-Up & Merge-It Software*
Separately £35.00, with scanner **Add £20.00**
with Junior OCR* (needs HD & 2.5 MB Memory)
Separately £25.00, with scanner **Add £10.00**
with Full OCR* (needs HD & 2.5 MB Memory)
Separately £35.00, with scanner **Add £20.00**
with MultiPass OCR* (needs HD & 4MB Memory)
Separately £49.95 with scanner **Add £30.00**

* max 400dpi Scanning resolution

Scanner Pad £9.95

MultiFace III card	£79.00
AT-Bus-2008 IDE controller	£69.00
Octogon-2008 SCSI controller	£129.00
Tandem CD & IDE controller	£69.99
AlfaPower A500 IDE controller	£99.00

Amiga Shopper 95%

Hard Drives + controller for A500(+)/A1500/A2000/A3000/A4000

80MB	£159.00
120MB	£179.00
250MB	£199.00
420MB	£229.00
540MB	£259.00
850MB	£299.00

Amiga Format 87%

Auto Mouse/ Joystick Switch £12.95

Aiwa ACD--300 SCSI-2 CD ROM £169.00

IDE Quad Speed CD-ROM Drives
for A500/500+ (requires AlfaPower v6.8 + HardDrive) £249.00
for A600/A1200 (inc. CD32 emulation) £249.00
for A1500/A2000/A3000/A4000 (inc. Tandem) £199.00

AMIGA GOLD FORMAT

Crystal TrackBall £34.95

Hard Drives for A600/A1200

2.5"	60MB	£59.00	3.5"	420MB	£149.00
2.5"	80MB	£69.00	3.5"	540MB	£159.00
2.5"	100MB	£89.00	3.5"	730MB	£179.00
2.5"	120MB	£99.00	3.5"	850MB	£199.00
2.5"	170MB	£129.00			
2.5"	250MB	£169.00			
2.5"	340MB	£189.00			

(includes instructions)
(and installation software)

True 300dpi

Optical Mouse £29.95

Optical Mouse Mat £5.00

Ram Cards/ Memory

A500	512K	w/o clock	£20.00
A500+	1MB	w/o clock	£29.95
A600	1MB	w/o clock	£29.95
A1200	2MB	with clock	£119.95
A1200	4MB	with clock	£179.95
A1200	8MB	with clock	£299.95

72 pin SIMMS

2MB	£69.00
4MB	£129.00
8MB	£269.00

Zip RAM
£89.95/2MB

Apollo 1220 28Mhz Accelerator
Give your A1200 350% Performance
Includes Clock & 28Mhz FPU
1220 Bare Board £99.95
1220 with 4MB Memory £224.95

Amiga PSU for A500, A600 & A1200 £34.95

PC Format Recommended

80 Watt Speakers	£39.95
25 Watt Speakers	£29.95
240 Watt Speakers	£59.95

External Floppy Drive £39.95

Mega Mouse 400 £12.95
Mega Mouse Plus £15.95
(Three button version with 8'cable Performance 97% A.U.I.)

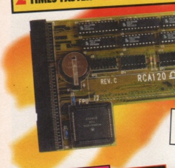
Performance 97% A.U.I.
AMIGA GOLD FORMAT

All Prices include VAT. Please Add £3.50 P&P for items under £30, £5.00 for items over £30, £8.00 P&P for Scanners & Speakers, £10.00 P&P for next day.

GoldenImage accepts Access, Visa, Cheque & Postal Orders. E&O.E. Prices subject to change without notice. Goods subject to availability. Specifications subject to change without notice.

GoldenImage (UK) Ltd.
Unit 65, Hallmark Trading Estate, Fourth Way, Wembley, Middx, HA9 0LB
Sales Hotline No. 0181 900 9291 Fax 0181 900 9281

MAKES YOUR AMIGA MORE THAN 2 TIMES FASTER - 2.88 MIPS



PRICES FROM £59.99

2 YEAR WARRANTY **MONEY BACK GUARANTEE** **FREE UK DELIVERY**

MAGNUM RAM8

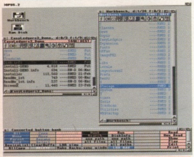
A1200 8MB RAM ACCELERATOR

- Available with 0, 2, 4, 8MB of 32-bit RAM installed
- Uses Standard 72-pin Simms
- Optional PLCC Type FPU (Floating Point Unit)
- Battery Backed Clock/Calender
- Installs in Minutes
- 0-4MB - PCMCIA compatible (For use with Overdrive, Squirrel etc.)
- Zero Waite State Design
- 2 Year Warranty

	No FPU	33MHz FPU
0MB	£59.99	£99.9
2MB	£119.99	£159.9
4MB	£179.99	£219.9
8MB	£299.99	£339.9

33MHz FPU

An FPU dramatically increases the speed of mathematical calculations (by up to 127 ti and we would recommend it for users of graphical applications such as Image FX, Lightw Vista Pro, Imagine etc. Our FPU pack comes with the timing crystal and is compatible w most A1200 RAM/Processor Accelerators such as our Apollo/Magnum design, Haw Blizzard and Viper. If bought independent of our board the price is £44.9



DIRECTORY OPUS 5

Advanced File Management Software for all Amigas

Over the past 6 years, Directory Opus has become established as the most popular directory utility on the Amiga. With the new Opus 5, the tradition continues. Smaller, faster and more efficient than ever before, Opus 5 harnesses the power of object orientated multitasking design like never before. Put simply, Opus 5 is now the most powerful hard drive and file management utility ever!

- Redesigned and rewritten from ground up. Much faster more efficient and many new revolutionary features.
- New Interface with more meaningful control and useful power. Amiga Style Guide compliant ensures clearer communication of information and greater control.
- Unlimited number of fully independent file display windows and button banks. Buttons can be defined from text or graphics.
- Multiple configuration editors - which can be used whilst performing other tasks!
- Internal Multitasking allowing you to perform multiple operations simultaneously.
- AmigaGuide On-Line Help
- Advanced file type recognition system including OS Datatype Support
- Extensive 'Drag 'n' Drop' throughout the program
- Advanced ARexx support
- Can even Replace & Enhance Workbench!

2 YEAR WARRANTY **FREE UK DELIVERY**

VERSION 5.11 NOW SHIPPING
CALL ABOUT UPDATES FROM 5.0 AND 4.

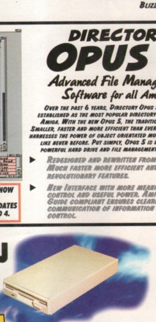
AMIGA GOLD FORMAT

£49.99
Workbench 2+ & Hard Disk Required

SATURN

External 1Mb Floppy Drive for all Amigas

- Compatible with ALL Amigas
- High Quality SONY Drive
- Robust Metal Case
- Anti-Click as Standard
- Enable/Disable Switch
- Low Power Consumption
- Thru Port for Extra Drives
- 2 Year Warranty



FREE UK DELIVERY **2 YEAR WARRANTY** **MONEY BACK GUARANTEE**

£49.99

ENTERPRISE

DeskTop Workstations for all Amigas

WIZARD
WIZARD
WIZARD

Available in 3 sizes

Single Workstation for A500/600/1200	£29.99
Double Workstation for A500/600/1200 Plus Extra Shelf	£34.99
Wide Workstation Wide unit for A500/600/1200 with Additional Side Peripherals (Hard Disk or Floppy Drive)	£34.99

2 YEAR WARRANTY **MONEY BACK GUARANTEE** **FREE UK DELIVERY**

2 Year Warranty

TORNADO & X-LINK

High Speed BT Approved Modems for all Amigas

PRICES FROM £99.99

BT APPROVED

2 YEA WARRA **MONEY BACK GUARANT** **FREE UK DELIVER**

Both Modems have the following Specification

- 14.4k or 28.8k Speeds
  v34 (28.8k), v32bis, v32, v23, v22, v22bis, v21
- Cable & Software Supplied
  (N-Comm for Amiga)
- Automatic Fallback & Forward for Optimum Line Performance
- GP Fax Software Option
  Send and Receive faxes from your Amiga
- BABT/BT Approved
  Legally required for use on a BT line
- MNP 2-5 & v42, v42bis
- Sync & Async Operation
- Group 1-3 Fax to 14.4k
- Fully Hayes Compatible
- LED Front Panel Display
- 2 Year Warranty

	Modem Only	Modem + GP Fa
TORNADO 14.4K	£99.99	£139.
X-LINK 14.4K	£129.99	£169.
TORNADO 28.8K	£199.99	£239
X-LINK 28.8K	£229.99	£269

18
TOR

33MHz FPU
£99.9
£159.9
£219.9
£339.9

TO 127 TIME
E FX, LIGHTWA
COMPATIBLE WIT
DESIGN, HAWK
E IS £44.9

FILE DISPLAY
BE DEFINED
CAN BE USED
PERFORM
NCLUDING OS3
HE PROGRAM
N!

99
red

INK

MODEM + GP FAX
£139.9
£169.9
£239.9
£269.9

560DPI 3 BUTTON MICE & MATS

for all Amigas & Atari STs

BEIGE £12.99
BLACK £14.99
MOUSE MAT £2.99
OR £1 IF BOUGHT WITH A MOUSE

2 YEAR WARRANTY
MONEY BACK GUARANTEE
FREE UK DELIVERY
NEW!

- ULTRA SMOOTH 560DPI
- MICRO SWITCHED BUTTONS
- AMIGA/ATARI ST SWITCHABLE
- 2 YEAR WARRANTY

ALL 3 BUTTONS CAN BE USED ON MANY PROGRAMS SUCH A OPUS 5

2 YEAR WARRANTY

£19.99

FREE UK DELIVERY
MONEY BACK GUARANTEE
NEW!

SOCCER MOUSE

for all Amigas

FOR ALL YOU FOOTBALL FANS, THIS IS THE IDEAL MOUSE FOR YOU!

- HIGH RESOLUTION 400DPI
- MICRO SWITCHED BUTTONS
- 2 YEAR WARRANTY

EASY LEDGERS 2

FREE UK DELIVERY

Intergrated Accounting Software for all Amigas

AMIGA GOLD FORMAT

A new generation of Professional Accounting software for the Amiga. EasyLedger 2 has several key areas as follows.

Ledger - General Ledger with optional account numbers. Post receipts, ayments and journal entries. Reports include journals, audit trail, trial alance & account histories. Cashbook, Profit & Loss Statement, Balance Sheet & Company Performance Ratios. Password to maintain privacy.

Sales - Use open item or balance forward methods. Invoice printing with utomatic pricing, VAT calculation, discounts & totalling, manual overrides. ter hand-written invoices, credits, receipts & journal adjustments. Produces tatements, address labels, sales analysis, aged balance lists, etc. Fully integrated with Ledger & Inventory.

Purchase - Use open item balance forward accounting methods. Enter upplier invoices, credits, payments & journal adjustments. Produces emittances, address labels, aged balance lists, transaction histories, etc. Fully integrated with Ledger & Inventory.

ventory - Stock Control & Price Book. Handles three price scales with auto rice changing. Entry of stocktake results & goods in/out movements. Full tegration with other books. Reports include price lists, re-ordering report, sales & valuation, movement history, etc.

ob Costing - For Estimating & Quotation. Suites a wide range of invoicing eeds for service industries. Invoice the charges on a 'job card', Allows 32 aff at different charging rates, Transfers goods directly from Inventory & fully integrated with Creditor and Ledger.

OR A LIMITED PERIOD YOU CAN BUY EASY LEDGERS 2 AT THIS NEW LOW PRICE (was £199.99) N A 28 DAY TRIAL PERIOD - CALL FOR MORE DETAILS

£119.99
2Mb RAM & Hard Disk Required

IMAGE FX 2.1

The Complete Image Processing Solution for all Amigas

No other image processing package on the Amiga gives you everything you need, from precise colour correction tools to fantastic special effects that boggle the mind! Whether you are a print artist or a video magician, ImageFX is simply the fastest, the best, and the most complete image processing solution you will find on the Amiga.

System Performance

The easiest to use and most powerful interface, thumbnail image loader lets you see your image before loading it, built in Virtual Memory allows work on images nearly any size, unlimited multi-level true UNDO, thumbnail image previewing shows effect before using it, multiple image buffers and brushes, precise region controls can restrict work to just part of an image, unequalled Arexx support for macros and programming, user definable macro keys and menus, built in Macro/Arexx script recording, two powerful batch processing systems: IMP and AutoFX & visual thumbnail image cataloguing system.

FREE UK DELIVERY
AMIGA GOLD FORMAT

£149.99
2Mb RAM & Hard Disk Required

GP FAX

Fax Software Solution for all Amigas with a Modem

SEND & RECEIVE FAXES FROM YOUR AMIGA VIA YOUR MODEM. YOU CAN EVEN PRINT FROM YOU FAVOURITE APPLICATION TO YOUR FAX DEVICE! AMIGA COMPUTING - 9/10

FREE UK DELIVERY
AMIGA GOLD FORMAT

£44.99
Fax Compatible Modem Required

ALSO AVAILABLE

0 DISKS - 2S/2D, HIGH QUALITY WITH COLOURED LABELS	£4.99
0 DISKS - 2S/2D, HIGH QUALITY WITH COLOURED LABELS	£19.99
500 512K RAM UPGRADE	£19.99
500 PLUS 1MB RAM UPGRADE	£29.99
600 1MB RAM UPGRADE	£29.99

2 YEAR WARRANTY
FREE UK DELIVERY
MONEY BACK GUARANTEE

ORDER HOTLINE

01322-272908

BETWEEN 9AM AND 6PM, MONDAY TO FRIDAY, TO PAY BY CREDIT CARD. TO PAY BY CHEQUE OR POSTAL ORDER PLEASE RETURN THE ORDER FORM BELOW TO -
WIZARD DEVELOPMENTS, PO BOX 490, DARTFORD, KENT, DA1 2UH

Order Item	Price

Name ____________________
Address ____________________
Post Code __________ Phone No. __________

CHEQUES SHOULD BE MADE PAYABLE TO WIZARD DEVELOPMENTS.

WIZARD DEVELOPMENTS

VISA
Access
SWITCH

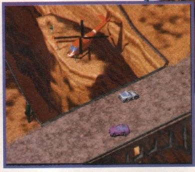
CONTACT US ON INTERNET
SALES@WIZARD-D.DEMON.CO.UK

rices include VAT & carriage to the UK mainland. Please add £5 to your order for EC destinations and £10 for other untries. All products are is subject to availability. E&OE. Advertised prices & specification may change without notice.

Wheelspin

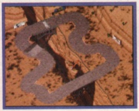
■ Price: £29.99 ■ Publisher: Black Legend ✆ 01438 840004

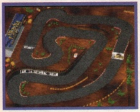
A good racing game warms the heart. But how much heat this new offering from Black Legend offers remains to be seen.


▲ Wouldn't it be much more fun flying that helicopter and raining burning-hot mini-gun death on the occupants of the cars?

Rather coincidentally, pretty much the last thing I wrote for The One (apart from the obituary!) was a Work In Progress for this little fella — and jolly nice it looked too. Of course, the main problem was that we never actually saw the thing running, and as is always the way with racing games, success is down to the handling and playability. Well, if first impressions are anything to go by, this product could be in trouble.

As the game loads, the initial presentation screens are very nice indeed, accompanied by some excellent music, even as you select your car and driver, the graphics look very good. However (and here it comes) the moment you get to the track, even though things are still looking pretty, the lights go green, the cars start to move ... and it all goes horribly wrong. I will explain why in a moment, but first I feel it only fair to give you a bit of info.


▲ Get a tan! Race in the desert! Fall off a bridge! Die horribly in the canyon!


▲ Well, it's hardly Silverstone. And the cars there handle better too.

Fine details

Wheelspin certainly can't be criticised for options; with ten tracks on offer and eight characters to choose from. The drivers have been gathered from around the world; each one carrying a differing set of statistics and attributes. You might want to go for the sharp reflexes of the American, but then again you might fancy the excellent top speed of the Frenchman. The choice (as they say) is yours.The cars available also vary, with traditional racing game buggies along with off-road vehicles and sports cars. There's a World Car in there too (a sort of VW Beetle affair) but you won't be able to access that until you've completed the 'leagues' involving the first three cars mentioned.

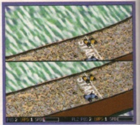
The tracks themselves also vary dramatically, with icy conditions, forests, canyons, and all your regular favourites included. And, as if that wasn't enough, there are a variety of different game types to chose from, allowing the cars to be influenced by, among other things, lunar gravity for extra hilarious japes. There are also settings to make the cars jump when hit, or voluntarily bounce when nitros are fired, allowing overhead overtaking manoeuvres.

Not in that colour

Another regular feature we've come to expect from racing games such as this, is the opportunity to earn dosh and upgrade your car as you work your way through the tournaments. Before each race a simple screen appears allowing you to change between engine, tyre, and suspension types (if you've got the budget obviously): Here you can also invest in additional nitro charges, which can then be accessed during the game by pushing forwards. And that sentence brings me (although you can tell I've been avoiding it) to talk about the actual gameplay. Oh dear.

Poor Performance

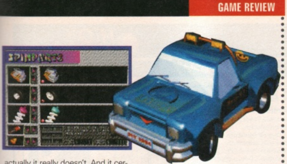
Yes, everything's going great, and then you get your first chance to test out the handling of the car, and it's time to turn the machine off. So what exactly is the problem? Well, imagine that you had a tiny car – albeit a very pretty hi-res one – and then you stuck a pin through the very centre of the roof and into the floor underneath. Now turn left, but rather than turning with any sort of realism, it just spins around on the pin. Hmm, feels pretty good doesn't it. Well ... no



▲ The split-screen mode is OK, but it}s smoetimes hard to judge the track and doesn't beat Skidmarks .

ctly is
ne that
t a very
en you
ery
o the
rn left,
th any
ns
feels
l ... no

smoetimes
Skidmarks .



actually it really doesn't. And it certainly doesn't live up to expectations after all that lovely presentation.

Now I've had a chat with the top bloke at Black Legend, and according to him, this is deliberate, because the car is MEANT to start off best part of uncontrollable as "It's lots of fun skidding around". The idea being that your car is so uncontrollable that you want to keep playing until you can buy a car with better handling. Eh? Why not just show off the fact that you have a decent game and draw the player in with promise of a good time, rather than tease him with promises and hope that he can be bothered to play long enough to be rewarded. To be honest, if I wasn't reviewing this, I certainly wouldn't have lasted that long.

Just to ease off the 'whinge pedal' for a moment, it's not all bad news in *Wheelspin*, and once you do get the hang of the control method, there is some fun to be had. The main problem is that, while the likes of *Skidmarks* and *Micro Machines* exist, there's no reason to recommend Wheelspin. The CPU intelligence is good, and though the cars do tend to travel round in a gang, they monitor your skill level. If you're obviously crap, they'll slow down slightly to make it more of a fair challenge, and if you're hot stuff they'll put their collective cyber-foot down. The split-screen is a nice feature, but again, we've seen it done before — and we've seen it done better (with the tracks quite often too hard to follow in this mode).

Sorry chaps, but until you can produce a game that challenges the already well-established *Skidmarks* ét al, don't expect roaringly high scores. ■

Matt Broughton

WHEELSPIN AGA £29.99

A500
A500+
A600
A1200
A1500
A2000
A3000
A4000

- workbench version.........3.0+
- number of disks 6
- RAM...................................2Mb
- hard disk installable ......yes

graphics............................ 84%
sound.................................. 80%
lastability........................... 57%
playability 56%

OVERALL
By no means the worst, but it's not the best either.
66%

LOWEST PRICED TOP QUALITY RIBBONS, INKJETS, TONERS & DISKS

Printer Ribbons

BLACK	1off	2+	5+	10+
Amstrad DMP 2000/3000	2.80	2.65	2.45	2.25
Amstrad DMP 4000	3.66	3.51	3.31	3.11
Amstrad PCW8256/8512/LQ3500	2.85	2.70	2.50	2.30
Brother M1009/1024/1109/1209	3.90	3.75	3.55	3.35
Citizen 120D/LSP10/Swift 24/9	2.85	2.70	2.50	2.30
Commodore MPS 1220/1230	4.50	4.35	4.15	3.95
Epson LQ100	4.10	3.95	3.75	3.55
Epson LQ400/500/800/850	3.45	3.30	3.10	2.90
Epson FX/MX/RX80/FX/LX800	2.90	2.75	2.55	2.35
Epson FX/MX/RX100/FX/MX1000	3.36	3.21	3.01	2.81
Epson LX80/86/90	2.12	1.97	1.77	1.67
Mannesman Tally 80/81	3.90	3.75	3.55	3.35
NEC Pinwriter P2200	3.03	2.88	2.68	2.48
OKI ML182/183/192/193/195	3.17	3.02	2.82	2.62

BLACK	1off	2+	5+	10+
Panasonic KXP 1123/1124/1140	3.46	3.31	3.11	2.91
Panasonic KXP 1080/1180/90/1592	2.89	2.74	2.54	2.34
Panasonic KXP 2123/2180	4.95	4.80	4.60	4.40
Seikosha SL90/92/95	5.70	5.55	5.35	5.15
Star LC10/20/100	2.29	2.14	1.94	1.84
Star LC200	3.00	2.85	2.65	2.45
Star LC24-10/200	2.86	2.71	2.51	2.31
Taxan Kaga KP810/815/910/915	3.14	2.99	2.79	2.59
COLOUR				
Citizen Swift 24	11.95	11.80	11.60	11.20
Panasonic KXP2123/2180	10.63	10.48	10.28	9.88
Star LC10/20/100	6.00	5.85	5.65	5.25
Star LC200	9.78	9.63	9.43	9.03
Star LC24-10/200	9.63	9.48	9.28	8.88

Ring for Ribbons Not listed

Ring us and WE WILL BEAT all other Ribbon prices

3.5" Disks & Disks Boxes

	DS/DD	DSHD
10 Disks	£5	£6
25 Disks	£10	£11
50 Disks	£16	£18
100 Disks	£29	£33
250 Disks	£65	£76
500 Disks	£125	£148

100 Cap.
Lockable
Disk Box
£5.99
with orders
of £10+

Preformated (MS DOS) disks available at 2p extra/disk

All disks Certified 100% Error Free and INCLUDE FREE Labels.

Inkjets, Ink Refills & Toners

Canon BJ-10/20 Cartridge	17.54 each
Commodore MPS 1270 Cartridge	12.13 each
HP Deskjet Cartridge (Double Cap.)	24.24 each
HP Deskjet Tricolour Cartridge	28.89 each
HP Thinkjet/Quietjet Cartridge	12.13 each
HP Deskjet Ri-Colour Cartridge Refill	16.00 each

Inkjet Refills (Twin Packs) for Canon BJ-10/20, BJ300 HP Deskjet . Available in Black, Cyan, Magenta, Yellow, Red, Blue , Brown, Light Green, Dark Green and Gold.
1 Pack £11.00, 2+ Packs, £10.60 ea. 5+ Packs £9.95 ea.

HP Laserjet II/III Toner Cartridge	44.51 each
HP Laserjet IIP/IIIP Toner Cartridge	59.03 each

Ring For Inkjets & Toners Not Listed

Miscellaneous Items

Roll 100 3.5" Disk Labels	8.99
3.5" Disk Cleaning Kit	2.99
Parallel Printer Cable (1.8m)	3.99
Mouse Mat	2.99
CPU & Monitor Dust Cover	6.49
Monitor Dust Cover	4.99
80 Column Printer Dust Cover	3.99
Amiga 500 Dust Cover	3.99
Amiga 600 Dust Cover	3.99
Amiga 1200 Dust Cover	3.99

All Prices INCLUDE VAT (@ 17.5%) & UK Delivery

01543 250377 **01543 250377**

Ring us or send cheques to:
Owl Associates, Dept 383 Owl House,
5 The Brambles, Lichfield, Staffs WS14 9SE

E& OE

VACANCIES

We are currently formulating a freelance team to develop and publish software for the Amiga, PC and Mac computers.

- **Games Software**
  developing for the Amiga and PC, converting to other formats
- **Multimedia 'Point and Click' Software**
  titles in development for Amiga, PC and Mac computers
- **Application Software**
  in-house or commercial application software for Amiga and PC

We are currently seeking people in the following areas:

Software Engineers

Must possess a strong "C" and/or Assembly knowledge with experience with either or both the 680x0 and 80x86 processors. Previous work would be very beneficial (games, scene work such as demos on Amiga/PC etc).

Artists

We would like 2D (DPaint, Brilliance etc) and 3D artists (Lightwave, 3D Studio etc), as well as animators. Previous graphic work in the commercial industry, the 'scene' or in the public domain would be very beneficial.

Development Teams

If you are a development team currently working on games, multimedia or application software contact us for possible joint venture or publishing of your software.

If you think you are interested then contact us as soon as possible. Send examples of your previous work (Amiga or PC disks) along with a CV to the address below. UK or European based applicants only please.

ACTIVE SOFTWARE

**Personnel Department, PO Box 151,
Darlington, County Durham DL3 8YT**

HiQ Limited

The Storage and System Design Specialists Tel +44 01525 211327

HiQ Limited

Multimedia PowerStation options for all Amigas

PowerStation Specifications:-

1. 200 watt power supply for complete Power Systems.
2. Good looking high quality steel construction.
3. Five drive bays, various mounting configurations.
4. Ideal monitor stand and cables slide underneath.
5. High speed Squirrel SCSI2 interface from Hisoft.
6. Dual speed, highly CD32 compatible CD-Rom drive.
7. Power and Hard Drive LED's.
8. Future expansion potential.
9. Low cost when compared to single drive cases.
10. Mix CDRom and Amiga audio outputs thru speakers.
11. Computer speed indicator, 2 speed switchable.
12. DOES NOT VOID WARRANTY.

Rave reviews in all Magazines

Tower Version

PowerStation pack Prices

Includes 2 x SCSI CDRom + Squirrel

Stereo speaker version	£329.95
Desktop version	£299.95
Tower version	£299.95
Carriage	£12.50

FREE CD OFFER

PowerStation Case Prices

includes internal Audio & SCSI Cables

Stereo speaker version	£129.95
Desktop version	£99.95
Tower version	£99.95
Carriage	£12.50

The Greatest Drive since the Model T Ford

Well the wait is over and the future has arrived in the shape of the new Panasonic PD System SCSI Optical drive. This unit is a Hybrid 650Mb, Quad speed CD-ROM and Optical Read/Write system. (Yes, you did read that correctly!).

Now you can read all of your favourite CD Titles at over 600Kb per second and by purchasing the low cost 650Mb cartridges you have 650Mb of storage space always on line just like a conventional hard drive.

!Limited Supply!

3 FREE CD OFFERS

Internal Drive Unit	**£599.95 inc. VAT**
650Mb Cartridge	**£49.95 inc. VAT**
External Case	**£59.95 inc. VAT**

Samsung New "M" Range Monitors

1995 Mutual Funds Investment Forecast

The new Samsung "M" Range monitors are only for the serious Amiga user. They work at above the frequency range of the Amigas so you need to run in Double Pal mode, but the display is the best you will see from the largest monitor maker in the world!

15" does not support DBLPal
15" Gle ..£329.95, 15" Gli £399.95
17"supports DBLPal
17" Gli ....£649.95, 17" Glsi ..£749.95
P&P £12.50

Soon to be made in the UK

!! HiQ STAR DRIVE BUYS !!

A1200 420Mb IDE
Only £124.95

A1200 540Mb IDE
Only £139.95

A1200 850Mb IDE
Only £189.95

All drives formatted, and Magic Workbench plus PD Software installed. Free fitting for personal callers.

A1200 Cable Pack **£20**
Post & Packing £7 (CityLink)

SCSI 3.5" Drives

Quantum 540Mb FireBall	**£179.95**
Quantum 840Mb Trailblazer	**£229.95**
Micropolis 2.1Gb AV drive	**£769.95**

COMING VERY SOON

Full blown S-Video quality digital Video Recording, Editing and Playback system for PowerStation users only.

Features:-

- Digital SVHS / Comp recording.
- Encoded SVHS / Comp Video Output.
- Full Digital Video Editing software includes many high quality DVE effects.
- Upgrades Processing power.
- 16 bit Audio recording and Playback.
- Includes Mpeg playback facility.
- Mpeg file creation software included.
- 1024 x 768 16 bit colour display.
- Add Panasonic PD drive for instant studio.

Prices from approximately £1,500

Hi-Fi quality active stereo speakers

(Suits all Amigas)
Specifications:-

1. **80 watt active stereo**
2. **Built in amplifier**
3. **Colour matched**
4. **Volume, Bass and Treble**
5. **Excellent Bass response**

Price only £39.95 P&P £7.00

Squirrel SCSI Interface

© Copyright Hisoft 1994

Need we say more £54.95 +P&P

Quad Speed versus Dual Speed (SCSI) CDRom drives

Q. Is Quad Speed the Future?	A. No, around the corner are the new multi Gigabyte CDRom drives.
Q. Is the extra speed useful?	A. In some circumstances, but most CDRoms developed to run in Dual speed.
Q. What about very high quality video 4-500kb/sec?	A. Yes, 15 minutes worth. All Video setup for 150kb/s for 70 minutes.
Q. What do HiQ know about it anyway?	A. See the MultiMedia CDRoms we develop for companies like Samsung.

All Prices include VAT

HiQ Ltd, Gable End, 2 The Square, Hockliffe, Bedfordshire LU7 9NB.
EMail address:- Compuserve 100432,711

Tel 01525 211327 **Fax 01525 211328**

VISAGE COMPUTERS

27 Watnall Road, Hucknall
Nottingham NG15 7LD
Tel: (0115) 964-2828
FAX: (0115) 964-2898

VISA

MasterCard

AMIGA 1200 "MAGIC"

The awesome new AMIGA 1200 "Amiga Magic" pack is here.
Software includes.....

◆ Photogenics 1,2SE, Personal Paint 4.6
◆ WordWorth 4, Datastore 1.1
◆ Digita Organiser / Print Manager
◆ Turbo Calc 3.5, Pinball Mania/Whizz
◆ Plus FREE Mousemat and Dustcover

Call now to order yours... £389.99

AMIGA 4000T

◆ 68040 25Mhz. Upgradable to 060
◆ 1.2 GB SCSI-2 HD/6Mb RAM
◆ AT/IDE HD Interfact, SCALA MM300
◆ Call for details and
◆ prices on 060 version

£2149.99

◆ Amiga M1438S Multisync Monitor £279.99

AMIGA HARDWARE

HARD DRIVES

WESTERN DIGITAL

3.5" IDE

540 MB	12ms	£149.99
630 MB	10ms	£169.99
850 MB	10ms	£189.99
1.2 GIG	10ms	£289.99
1.6 GIG	10ms	£429.99

QUANTUM

3.5" IDE

210 MB	12ms	£89.99
270 MB	12ms	£99.99
420 MB	12ms	£124.99
540 MB	12ms	£139.99
1 GIG	19ms	£259.99

3.5" SCSI-2

270 MB	12ms	£149.99
540 MB	12ms	£179.99
730 MB	10ms	£219.99
1 GIG	12ms	£349.99

SEAGATE

3.5" IDE

420 MB	12ms	£124.99
540 MB	12ms	£139.99
850 MB	10ms	£179.99
1.2 GIG	10ms	£259.99

SEAGATE DECATHLON

3.5" IDE (3/4" HIGH)

420MB	12ms	£129.99
540 MB	12ms	£149.99
850 MB	10ms	£499.99

HITACHI

Amazing Prices!

2.5" IDE

340 MB	12ms	£169.99
510 MB	12ms	£229.99
850 MB	12ms	£399.99
1.2 GIG	12ms	£649.99

EXTERNAL HARD DRIVES

A500 ALFA POWER

210 MB	£179.99
270 MB	£199.99
420 MB	£229.99
540 MB	£249.99

EXTERNAL HARD DRIVES

A1200 OVERDRIVES

270 MB	£199.99
420 MB	£219.99
540 MB	£229.99
850 MB	£289.99
1.2 GIG	£379.99

PRINTERS

EPSON

Stylus Colour Inkjet printer offers photographic like quality when used with optional 720DPI printer driver (coated paper required). Built in auto sheedfeeder.
Only £429.99
Coated 720DPI paper (200 sheets) £22.99

STUDIO 2 - PRINTER S/W

Professional print studio for the Amiga. Enhance the output of your printer in. 720DPI on Epson Stylus Colour.
Only £49.99

SEKIOSHA SL-96

High quality 24 pin colour printer, Scalable fonts, tractor feed. Rated 86% CU AMIGA
Only £149.99

SEKIOSHA SP-1900+

9 pin dot matrix printer, Single sheet or Tractorfeed.
Only £114.99

MODEMS

14,400 EXTERNAL

BABT approved FAX/Modem. Complete with all leads, PSU and Comms Software.
Low Price £109.99

28,800 EXTERNAL V34

Super-fast BABt approved FAX/Modem. Complete with all leads, PSU and Comms Software.
An Unbeatable £174.99

GOLIATH 200 WATT PSU

Solve all your power problems with the Goliath. Three times more powerful than a standard PSU £44.99

ACCESSORIES

240 CAPACITY DISK BOX

The Logic 3 stackable storage box holds up to 240 disks. Easy to assemble includes metal lock and keys.
Only £12.99
ASK FOR QUANTITY PRICES

ALFA DATA PRODUCTS

Megamouse - 400 dpi	£12.99
Megamouse - 3 button	£14.99
Auto J/Mouse Switcher	£12.99
AT-Bus 2008/IDE	£79.99
AT-Bus 2008/SCSI	£109.99
Alfa Power/'A500/IDE	£89.99
Tandem Controller	£49.99

CD ROM DRIVES

POWER CD ROM

External SCSI CDROM for the A1200. Plugs into the PCMCIA port Fast 300Kb/Sec transfer rate. Connect up to six other SCSI peripherals.
Dual Speed £199.99
Quad Speed (600 Kb) £299.99

A4000 version, as above but without PCMCIA interface (Dual Speed) £169.99

MITSUMI FX400

Internal IDE CDROM unit for the A4000 (requires tandem CDROM controller) Super-fast 600 Kb/Sec transfer rate.
FX400 CDROM £149,99
FX400 Plus Tandem CDROM Controller Card £199.99

NEC 512 X6

Internal SCSI CDROM DRIVE, Incredible 900 Kb/Sec transfer rate.
Only £349.99

VISAGE ATAPI CDROM

Please request your free news sheet regarding this amazing new product, External Quad-speed CDROM unit that plugs directly onto your internal IDE port (requires no additional interfacing)
Only . . . . £CALL

All 3.5" IDE drives require a 2.5" - 3.5" cable only £15.00 when fitted into a A600/A1200. Drives come prepped, formatted and installed with 100MB of **FREE** Public Domain Software.
All carry a 2,3 or 5 year warranty

If you have found a cheaper price elsewhere in the magazine, call us and we will do our best to beat it

APOLLO ACCELERATORS

APOLLO 1240/33/SCSI2

Call for details

The worlds fasted 1200 is on this page.....
Superfast 68040 running at 33Mhz, Built in 68882, MMU & SCSI2 controller (3.5MBSEC). One 72 pin simm socket Estimated speed (30+ mips).
Available September for only . . £399.99

APOLLO 1230/50/SCSI2

The fastest 030 card available for the A1200 uses a 68030RC50 running at 50Mhz. Built in MMU & SCSI2 controller (3.5 MBSEC) Two 72 pin SIMM sockets.
Price £279.99

APOLLO TURBO 1220

Awarded a 90% CU AMIGA SUPERSTAR the 1220 combines the best price / performance ratio for any Amiga accelerator. 68020 running at 28Mhz, integrated 68882 FPU, one 72 pin SIMM socket (1-4 MB) Realtime Clock.
Price £99.99

APOLLO A4000/040/28/33/40

NEW

The new APOLLO A4000 accelerator cards fit into the CPU slot of your A4000 (A3000/T). Comes in 28, 33 and 40Mhz versions, 4 x 72 pin SIMM sockets, SCSI-2 controller.
Price . . . . £CALL

Please call for your free information pack for the Apollo range of products

32BIT MEMORY SIMMS

4MB	£129.99	16MB	£399.99
8MB	£269.99	32MB	£799.99

The above SIMMS are 72pin industry standard PS2 70ns.

HOW TO ORDER

BY POST: Please make cheques and Postal Orders payable to *"Visage Computers"* Please allow 5 Working days for cheques to clear

WE ACCEPT ALL MAJOR CREDIT CARDS INCLUDING SWITCH & VISA DELTA

BY PHONE: Credit/Debit card orders taken from 9.30am - 5.30pm Monday to Saturday

CALL (0115) 964-2828 OR (0115) 964-2898 TO PLACE YOUR ORDER

SCANNER

NEW!!!

Artec Colour Scanner

£399.00

COMPLETE WITH CARD CABLE AND SOFTWARE TO ENABLE YOU TO CONNECT TO A PC OR MACINTOSH COMPUTER

FOR AMIGA 1500 TO 4000 COMPUTERS WITH SCSI CONTROLLER (A1200 USER PLEASE PHONE).

EXTERNAL CD ROM(SCSI) FOR AMIGA A600 & A1200 WITH FREE!!! SQUIRREL INTERFACE

DOUBLE SPEED	£159.00
QUAD SPEED	£239.00
SIX SPEED	£POA

400 DPI 3 BUTTON FOR ALL AMIGA COMPUTERS

£10

OKTAGON 4008 SCSI CARD

True SCSI II controller for your Amiga 1500 to 4000, upgradeable to 8MB using Zipp Ram allows you to connect H-Disk, Syquest CD Roms etc. **£99.00**

MULTIFACE III ADDS 2 SERIAL & 1 PARALLEL PORT TO ANY AMIGA 1500 TO 4000 £109.00

TANDEM IDE

IDE controller card for your Amiga 1500 to 4000 allows you to connect a CD rom of your choice or just another Hard Drive.

Tandem card Only	£69.00
Tandem card & Double speed CD	£169.00
Tandem card & Quad speed CD	£199.00

EXTERNAL FLOPPY £39.95

ANTI-CLICK *ANTI-VIRUS*THRU PORT FOR ALL AMIGAS

MONITORS

Basic Colour	£189.00
Microvitek 1438	£259.00
Microvitek 1440	£399.00
Samsung 15"	£319.00
Samsung 17"	£599.00
Samsung 20"	£POA

AMIGA A4000T 040
£2150

AMIGA A4000 060
£2450

HARD DRIVES & RAM FOR AMIGA
Nobody Undersells US!!!!!

AMIGA A600/A500/A500+

RAM CARDS

A600 1MB Ram	£20.00
A600 1MB Ram & Clock	£33.00
A500+ 1MB Ram	£20.00
A500 1/2MB Ram	£15.00

A1200 RAM CARDS

PCMCIA compatible
(With Clock & FPU socket)

0MB	£49.00
2MB	£109.00
4MB	£159.00
8MB	£279.00

ZIP RAMS 2MB £99.00

MEMORY

	30 Pin	64 Pin	72 Pin
1MB	£25	£N/A	£35
2MB	£89	£N/A	£69
4MB	£109	£199	£109
8MB	£239	£N/A	£239
16MB	£389	£N/A	£389
32MB	£N/A	£N/A	£699

FOR ANY AMIGA OR ACCELERATOR CARD

ACCELERATORS

Viper 68030/28Mhz 0MB	£119.00
Viper 68030/40Mhz 0MB	£189.00
Viper 68030/50Mhz 0MB	£199.00

FPU

Increases the performance of your machine when adding these FPU's. suitable for all Accelerator & Ram cards for A1200 and Amiga 4000 Computers

28Mhz (PLCC)	£24.00
33Mhz (PLCC)	£39.00
40Mhz (PLCC)	£79.00
50Mhz (PGA)	£89.00

WE WANT YOUR BUSINESS!!! WE WILL MATCH OR BEAT ANY GENUINE QUOTED PRICE.

EXTERNAL SCSI HDISK with 45W PSU FOR ALL AMIGA COMPUTERS

340MB	£199.00
540MB	£229.00
850MB	£269.00
1GIG	£329.00
2/4/9GIG	£POA
SQUIRREL	£54.00

SPECIAL OFFER
2.5" DRIVES
FOR AMIGA A600/1200 COMPLETE WITH SOFTWARE, CABLES & INSTRUCTIONS

32MB	£30.00
60MB	£59.00
80MB	£69.00
120MB	£89.00
340MB	£179.00
510MB	£299.00
850MB	£499.00

3.5" HARD DRIVES

	IDE	SCSI
270MB	£79	£99
340MB	£99	£119
420MB	£105	£129
540MB	£139	£169
810MB	£189	£229
1-GIG	£249	£279

100MB ZIP DRIVE £199.00

ALFA-POWER

HARD DISK FOR AMIGA A500/500+

120MB	£179.00
420MB	£199.00
810MB	£269.00
1 GIG	£339.00

SYQUEST DRIVES

	Int.	Ext.
88MB	£219	£269
105MB	£229	£279
200MB	£339	£389
270MB	£349	£399

BOTH THE ZIPP & SYQUEST DRIVES NEED SCSI CONTROLLER ON ALL AMIGA COMPUTERS

AMIGA MAGIC PACK

AMIGA A1200 (BASIC UNIT)	£379.00
AMIGA A1200 (WITH 65MB HARD DISK)	£449.00
AMIGA A1200 (WITH 80MB HARD DISK)	£469.00
AMIGA A1200 (WITH 120MB HARD DISK)	£489.00
AMIGA A1200 (WITH 170MB HARD DISK)	£489.00
AMIGA A1200 (WITH 340MB HARD DISK)	£569.00
AMIGA A1200 (WITH 540MB HARD DISK)	£669.00
AMIGA A1200 (WITH 810MB HARD DISK)	£919.00

AMIGA A400T 060 £2450

ORDER NOW TO AVOID DISSAPOINTMENT FOR CHRISTMAS

REFURBISHED AMIGA A4000 030/040 IN STOCK £P.O.A

AMIGA A600 ACCELERATOR

68020 28MHZ UPGRADEABLE TO 8MB RAM

NEW FALCON 040

0MB	£499
4MB	£599
8MB	£699
16MB	£799
32MB	£999

AWIA ACD 300 CD ROM £159

80 WATT SPEAKERS £39.99

AWIA SPEAKERS £55

TRADE & EDUCATIONAL WELCOME
PHONE 0181 345 6573
ASK FOR DAVID

ACCESSORIES

AMIGA A500/600/1200 PSU	£34.95
A500 INT. FLOPPY DRIVE	£30.95
A600/1200 INT. FLOPPY DRIVE	£45.00
2.5" HDISK CABLE	£10.00
2.5" TO 3.5" HDISK CABLE KIT	£15.00
PARALLEL PRINTER CABLE	£6.00
AMIGA VGA ADAPTOR	£15.00
AMIGA TRACKBALL	£35.00
AUTO JOYSTICK SWITCH	£15.00
MOUSE MATS	£2.00

Gasteiner

DELIVERY CHARGES

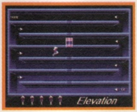
ALL PRICES **INCLUDE VAT**, SMALL CONSUMABLES AND SOFTWARE ITEMS UNDER THE VALUE OF £59 PLEASE ADD £3.50 P&P.OTHER ITEMS EXCEPT LASERS, NEXT DAY COURIER SERVICE £10 PER BOX. OFFSHORE AND HIGHLANDS, PLEASE CALL FOR A QUOTATION. IN ADDITION WE OFFER THE FOLLOWING EXPRESS SERVICES: SATURDAY DELIVERY NORMAL RATE PLUS £15 PER BOX, MORNING, NEXT DAY NORMAL RATE PLUS £10 PER BOX, E&OE PRICES ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE. ALL TRADEMARKS ACKNOWLEDGED.

126 FORE STREET, UPPER EDMONTON, LONDON, N18 2XA
TEL: 0181-345-6000 FAX: 0181-345-6868 E-MAIL: gastein@dircon.co.uk

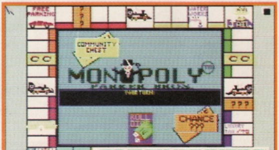
Top 100 Games CD32

■ **Price: £14.99** ■ **Publisher: US Dreams ✆01483 728397**

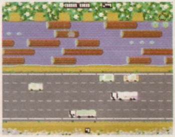
What with there being a bit of drought as far as new releases go, Matt Broughton sits down and spends an evening in CD PD hell.



▲ The original Elevator Action is over a decade old, and still looks better than this version.



▲ Why spend an evening with mates playing your customised rude version of real Monopoly when you can waste your life playing this shoddy CD version?



▲ Pushing the back the boundaries of 32-bit technology and CD-ROM is Frogger. Oh come on, you cannot be serious.

I don't know why, but Lisa appears to have altered my 'CU Duties' list to include not only Games News, Snip Tips, and Game Reviews but now also an activity known simply as 'sifting through rubbish'. I mean, when you receive a disk calling itself 'Top 100 Games CD32' you have to scratch your head and wonder, because as far as I was aware there haven't even been twenty good games for the CD32, let alone 100!

Anyway, I sat myself down armed only with a trusty old CD32 and an extremely open mind — then I saw the menu screen and realised I'd been tricked into reviewing a compilation of old PD games. DOH!

Now although I used to complain about doing PD Zone for The One, I actually quite looked forward to sorting through the hundreds of disks that used to arrive, simply because there was always the odd corker hidden away in amongst all the plop. Come with me now, as I reenact last night's events for you…

OK, let's be methodical, and go through these in alphabetical order, with the first competitor being *AGA Tetris*. And… it doesn't work. Excellent. Next up is *Air Strike 2*, which turns out to be a really rubbish Shoot 'Em Up Construction Kit game. Hmm. *Alien Fight* is a wet *Galaxians* clone while *Amiga Boulderdash* calls up a Workbench screen which, because all I've got here is a CD32 joypad, I can't access at all. OK, sod being methodical, let's just skip through and look for something vaguely promising.

Naivety's a curse. These PD games have obviously been ported to CD32 without any regard for whether they'll work with a joypad or not. *Return to Earth*, *Spider*, and even a German version of *Risk* all required a mouse, which I didn't have. Oh dear.

Promising titles such as *Batman* and *Star Trek* turned out to be SEUCK efforts, as did Megasquad, You're Dead, and Mutants From Mars (plus more!). Oh, and The Real Popeye crashed immediately.

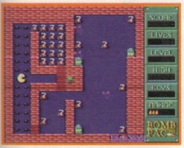
The frightening thing about pretty much all of these game is that they date back to 1988, so most of them need a mouse, and most of them are either written in AMOS or the aforementioned dreaded SEUCK. There are numerous *Q-Bert*, *Defender*, *Frogger*, *Galaga*, *Galaxians*, and *Space Invaders* clones, all of which would have been binned in my day.

As far as whether I found anything worth playing, well there were six. *Deluxe Galaġa* is excellent (although the version supplied here isn't even the most recent available); *Galaga '92* is similarly interesting; *Microbes* is an excellent blast; *TANX* is a classic; *Robouldix* is a brilliant *Boulderdash* clone and *Transplant* is one of the finest PD shoot 'em ups you'll find. Of course the only problem here is that, what with CU Amiga and The One always having taken the trouble to find the best PD around, you've probably already got these from cover disks.

It just seems as though someone with a CD pressing facility has decided to take 100 PD games at random – be they good or bad – and then put them on a disk regardless of whether they even work or not. Even the menu system is fairly unfriendly, giving you no option but to page through every game name alphabetically, and at a snail's pace.

The fact that I must represent the average CD32 owner (having nothing more than a basic machine and one joypad), and half of the games were unavailable to me thanks to the clever need for a mouse proves this is just one of the worst bits of CD software I've ever seen. ■

Matt Broughton



▲ Yes, with a CD32 and mouse you can access even more fabulous software along the lines of BombPac. Pardon me while I cry.

AGA Tetris
Air Ace II

▲ An digitised bit of Boris Vallejo artwork. How completely original.

OVERALL
Six good games out of 100.
That's ...
06%

EPIC MARKETING
CD ROM SOFTWARE

MSX
Spectrum 48
Amstrad
BBC
IBM
C 64
apple
VIC20
ATARI
UNIX
IBM
Sinclair QL

Emulators Unlimited contains Software emulation tools for the Amiga & PC. Spread over the two platforms are emulators for: Apple, BBC, Commodore 64, Commodore VIC20, Amstrad CPC, Apple Mac, Gameboy, Atari ST, MSX, Apple200, Atari 800, Atari1040ste, Sinclair QL, Unix and more. Also features hundreds of games, tools and demos for use with most of the emulators.

EMULATORS UNLIMITED NEW!!! (CD117) £19.99

Retro gaming at it's best. Over 3000 all-time classic spectrum games on one CD-ROM. Emulators included for the Amiga, Mac, Atari ST & PC (dos & Windows). Games include Manic Miner, Skool daze, Monty mole, Startrek, Thrust, Jet Set Willy, The Hobbit, Strip Poker, Danger Mouse, The Sentinel, Micro Olympics, Under Wurlde, Uridium, Atic Atac, River raid, Barbarian, Hunchback and over 3000 other classic spectrum games including *multi-load* games. Speccy part deux also contains hundreds of documents containing instructions for most games aswell as hundreds of speccy game cheats. Suitable for all platforms but requires the use of keyboard to play the games.

AF GOLD 91%

SPECCY SENSATION 2 OUT NOW!!! (CD119) Special £17.99

ADULT SENSATION 2
THE NEW BATCH

Adult Sensation 2 features a whole new batch of exciting new Adult material including Thousands of graphic images, hundreds of Adult/sexy sound samples in WAV,IFF & VOC, Adult stories, Comical sketches, Hundreds of Adult jokes, Dozens of either weird,sick or adult animations in FLI & ANIM. Adult sensation 2 also contains around a dozen original adult music modules that feature sexy samples. Not one for the faint hearted... IN STOCK NOW (OVER 18)

NEW!!!

ADULT SENSATION 2 The new batch (CD115) £19.99

WORLD OF
CLIPART

World of Clipart is a double CD-ROM containing around 40,000 mono and colour clipart images contained in over 100 catagories in IFF, GIF, PCX, CDR, EPS, TIF, & BMP. Tools for converting images to another format are included for both the PC & Amiga. Subjects include : Animals, Anatomy, Babies, Men, Women, Trees, Reptiles, Insects, Xmas, Religious, Planes, Vehicles, Ships, Toys, Zodiac signs, Eye catchers, Humour, Cats, Dogs, Computers, Technology, Sealife, Space, Symbols, Royalty, Dinosaurs, Plants, Nature, Ads, Tools, Astrology, Hands, Birds, Business, Office, Workers, Cartoon, Lion King, Education, Food, Gardening, Holidays, Houses & Buildings, Helicopters, Children, Banners, Medieval, Military, Monsters, Music, Sports (football, golf, Aerobics, Olympics, etc), Transport, Trains, War and more.

Rated 84% AF

WORLD OF CLIPART *Plus* DOUBLE CD (CD77) £17.99

Essential utilities is a collection of the most useful tools available. Categories include: graphics converters, text, music tools, Printer drivers, Virus killers, memory utilities, Emulators, Business applications including Wordprocessing, database, spreadsheets, diary systems etc. Also features over 3000 high quality adobe & truetype fonts.

ESSENTIAL UTILITIES Volume One (CD74) £9.99

SCI-FI SENSATION

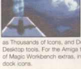
SCI-FI Sensation is an exciting new CD-ROM containing over 1.3GIG of SCI-FI images, animations, 3D objects, Sound FX, Documents, Themetunes, Scripts & SCI-FI games. Subjects included are: Babylon5, Startrek (The original, TNG, Deep Space 9 and Voyager), Batman, Dr Who, Thunderbirds, Robocop, Sea Quest DSV, Bladerunner, Aliens, Terror hawks, 2001. Blake7, Battlestar Galactica, Tron, Total Recal, 2010, Space 1999 etc. Hundreds of miscellanous SCI-FI images, sound fx, SCI-FI music and more.

SCI-FI SENSATION DOUBLE CD (CD118) £19.99

GFX Sensation
EPIC Professional CD Data-ROM

Graphics Sensation is a collection of the best graphics tools, 24bit images, animations and Imagine & Lightwave objects. 3D objects categories include: Space (Startrek, Babylon5, robots etc) Animals, Aviation, Home (Bathroom, Kitchen, furniture etc), Botany, Clocks, Computers, Earth, Food, Toys, Trees, Musical instruments, Phones, Sports, Vehicles, etc. Plus hundreds of texture files.

GFX SENSATION Rated 85% CU (CD02) £19.99



The Professional Backdrops & Icons collection Volume 2 is a superb set of high quality Desktop backdrops (256 colour picture subjects include: Girls, Space, Classic cars, Aircraft, Landscapes, textures etc.) aswell as a huge 16 colour backdrop set of pictures, aswell as Thousands of Icons, and Dozens of Screen Blankers and Desktop tools. For the Amiga there is a a dedicated collection of Magic Workbench extras, including Icons, backdrops, & dock icons.

BACKDROPS & ICONS 2 (CD111) £19.99

GIF
Sensation

Over 7,000 top quality colour images. Subjects include: cats, aviation, animals, people, hi-tech, space, cars, trains, textures, nature, sports, pinups, boats, flowers, plants, seasons, birds, technology, raytraced, cartoons, fantasy, art, reptiles and dozens more subjects. *Perfect for presentation, and DTP.*

GIF SENSATION DOUBLE CD (CD128) £19.99

If your into Horror then this original CD ROM will please you no end. It contains Thousands of grousom images, tons of gory animations. Bloody games. Spine tingling horror type sounds, Horror stories, Dozens of eariee music modules. Pictures & animations from all the famous horror films, aswell as not-so famous and heaps of *real-life* blood'n'guts. (18)

HORROR SENSATION (CD144) £19.99

ARCADE CLASSICS

Arcade Classics is an original collection of ALL your old arcade favourites, Including Amiga & PC veriations of : PACMAN, SPACE INVADERS, ASTERIODS, MISSILE COMMAND, PENGO, FROGGER, LOAD RUNNER, GALAXIANS, DONKEY KONG, NUMEROUS TETRIS GAMES, BATTLEZONE, TEMPEST, COMBAT, TRON, SPACE WARZ, THRUST, Q-BERT, HUNCHBACK, MOON PATROL, TRAIL BLAZER, BREAKOUT, CENTREPEDE, CYCLES, BEZERK, SNAKE, SCRAMBLE, PING PONG, BREAKOUT, NUMEROUS C64 CONVERSIONS, A COLLECTION OF JEFF MINTER GAMES AND HUNDREDS MORE. Over 600mb of unforgettable retro-gaming.
This CD will keep you busy for months!!!
Floppy drive required, Keyboard recommended.

ARCADE CLASSICS Rated 87% AC (CD76) Now

THE EPIC COLLECTI

Contains our most popular floppy based software titles on one giant CD-ROM. N you can purchase the entire Epic collecti one go. This compilation contains hundre megabytes of Amiga software. subjects include: Professional mono clipart, colou clipart, numerous 3D objects for Imagine & Lightwave, Colour, Bitmap, Compugraphic fonts & Adobe fonts, Graphics converters, Music tutoria Beginners guide, 3D stereogram generators, Hundreds of Sound FX an samples, Virus Killers, Hard disk installer & tools, Various Hardware pro A number of classic demo's, Hundreds of games including Shoot'em u Mind teasers, Puzzle, card, arcade and board games. The latest Assas games & the latest LSD utilities are also included. Dozens of Emulators included. The Epic collection CD-ROM is updated bi-monthly, and user updates are available to registered users for as just £9.99, this means can have the very latest range of software regularly without having to k purchasing new CD-ROMs. You simply return your Epic collection CD- we'll update it and send it straight back to you. It's as easy as that. *Su with printed Index booklet.

THE EPIC COLLECTION GOLD NEW!!! (CD100)

STAR TREK
MULTIMEDIA CD

A superb CD-ROM for all STARTREK fa contains Hundreds of graphic images in GIF from the very first series too the very latest film/series. Dozens of IFF and WAV sound samples are also included aswell as both the Next Generation & original Startrek Theme tunes. Also includes dozens of Startrek animations in both Amiga anim & FLI, a number of Startrek games for the Amiga & PC are also included. UPDATED VERSION

STARTREK MULTIMEDIA GOLD (CD04)

C64
BLAST FROM THE PAST
NEW!!!

Features hundreds of all-time classic C64 prog Over 10,000 commodore 64 Megademos, ove 30mb of classic C64 game tunes and more.

C64 SENSATION "Blast from the Past" (CD120)

The Grolier electronic Multimedia encyclopedia contains thousands of pages of information on subject, with Thousands of great colour photographs and illustrations and hundreds of clips from the BBC this CD-ROM is an essent purchase for all CD-ROM users.

Rated 97%

GROLIER ENCYCLOPEDIA Version 2. (CD46) Special

A complete reference library of occult, esoteric, fringe and alternative reality. 40 million words in over 2300 text files. Covers UFOS, Aliens & coverups, The JFK conspiracy, police, Alternative medicine , tarot, palm reading & more.

2000 MYSTERIES (CD136) £21.99

17 Bit
5th
DIMENSION

The 5th Dimension is the 5th disc of the 17bit collection. contains over 600mb of new data. catagories include: Thousands of tools, games, demo's, music modules, AGA software. features an easy to use front end.

17BIT 5TH DIMENSION (CD157) £19.99

ADULT
Sensation

Adult Sensation Volume One contains over 4,000 high quality colour photographs of glamour girls. This CD will take you months to ponder through. Only suitable for persons over the age of 18.

ADULT SENSATION (CD01) £19.99

The largest collection of M Workbench Icons, Backdr tools ever compiled. Inclu over 5,000 Icons, hundre Magic WB backdrops, an megabytes of WB deskto enhancer tools.

(CD152)

MAGIC WORKBENCH ENHANC

LOTTERY
Sensation

Lottery Sensation is a huge compilation of basically every Amiga Lottery predictor freely available. Increase your chance of winning Millions!!!!.

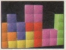
LOTTERY SENSATION (CD147) £9.99

Lucky Dip volume one contains hundreds of games, demos, clipart, fonts, music, tools, graphics utilities, Animations, Sound FX, Samples, and loads more. At just £4.99 it's a bargain!!!
*FREE with any order over £25

***LUCKY DIP Volume 1** (CD49X) £4.99

Create your own fascinating 3D stereogram images. contains numerous tools as well as hundreds of pre-rendered pictures and hundreds more for you to render your self. Very easy to use.

ILLUSIONS 3D (CD54) £9.99



This CD contains arou 100 variations of the most addictive and lo game. Nearly all the g are ready to run direc CD. and archived vers are also included.

NOTHING BUT TETRIS (CD148)

EPIC Marketing
Victoria Centre.
138 Victoria Rd,
Swindon, Wilts.
SN1 3BU. UK

FREE PHONE *Order line*
0500 131 486
Order / Enquiry line. **01793 514188** Fax Line: 01793 514187

EPIC MARKETING (AUSTRALI

If you live in Australia or New-Zealand you can now purchase any of the above CD ROM titles from our Sydney based premises. Send your orders or enquiries to:
Tel: (02) 520 9606
Fax: (02) 520 6077
EPIC. 36 Forest Road, Heathcote, NSW. 2233. Australia.
For a Price list please send a SAE. For prices in Australian $$$ simply double the UK £££ prices listed

UK BRANCH Open Monday-Saturday 9:30-5:30. Cheques & Postal orders accepted. UK P&P add £1 per CD-ROM. Overseas P&P add £2 per CD-ROM. Most orders sent within 48hours.

inal
arcade
a & PC
SPACE

NGO,
ER,
ONG,
MES,
ARZ,
AIL
K,
ROUS

(CD76) Now £14

OLLECTIO

r floppy based
nt CD-ROM. Now
tire Epic collection
contains hundreds
ware. subjects
o clipart, colour
Colour, Bitmap,
s, Music tutorials,
of Sound FX and
s Hardware projec
ng Shoot'em ups,
he latest Assassin
s of Emulators a
nthly, and user
9, this means you
out having to keep
collection CD-RO
asy as that. *Supp

! (CD100) £5

ll STARTREK fans
aphic images in IF
ries
F
s
as
n &
oth
ON
(CD04) £2

classic C64 progra
Megademos, over
es and more.

st" (CD120) £1

dia encyclopedia
of information on e
eat colour
and hundreds of s
OM is an essentia
s.
Rated 97% A
CD46) Special £2

gest collection of Mag
ench Icons, Backdro
ver compiled. Include
000 Icons, hundreds
WB backdrops, and
ytes of WB desktop
er tools.
(CD152) £

CH ENHANCE

CD contains aroun
ariations of the wo
addictive and love
. Nearly all the ga
eady to run direct
nd archived versio
so included.

RIS (CD148) £

STRALIA
w purchase
y based
33. Australia.
UK £££ prices listed.
in 48hours. E

"If it sounds like I raved, then I've communicated successfully exactly how groovy this product is".

Ami-FileSafe

"It makes as much difference as adding some fast SCSI Zorro III controller from hell".

all quotes from Internet Review:
(comp.sys.amiga.reviews)

A Fourth Level Developments

Ami-FileSafe
The NEW
de facto standard
Filing System for your
Amiga

pro version

RRP £69.75 inc VAT
for larger & multi-user systems

Secure filing system No more corrupt disks when applications crash whilst writing to disk!!
Super Fast - much faster than FFS.
Instant Directory Listings
Parallel access and negligible performance loss!
Efficient use of disk space.
Large directories do not decrease operating performance.
Multi-User Filing System Support

"There's no doubt about it. This is one *SAFE* mother this Ami-FileSafe system".

available NOW

Benchmarks

A3000 030 Oktagon SCSI 2

Test	FFS	AFS	Units
DirScan	409	1780	Files/Se
CreateFile	227	1073	k/sec
ReadFile	244	1363	k/sec

Seek and write 4bytes (start & end)
x100 53.6 Sec 4.4Sec

"Brilliant if, like me, you use your Amiga multi-tasking capability to the max". **AFS: the Amiga Power Tool**

Fourth Level Developments Certified Amiga Developers 0117 985 4455 (6 Lines)

Ami-FileSafe
Latest User Version
now with auto FFS2AFS conversion!!
go for it today

£29.75
p&p £3

User Version Limits
Up to 650Meg on
One AFS Hard drive
No MuFS
Private user licence
Otherwise as Pro-Version

Ami-FileSafe
Ami-Scanners Branded Products Mo-Miga
Dice V3.01

"Tried with Mail Manager again. My *GOD* it was amazing! Tossing sped up from around 500 messages/min up to 1200 or so!

KT's

SOFTWARE FOR ALL AMIGA USERS,500/500+/600/1200/4000/A570/CD32.
FREE CATALOGUE DISK SENT WITH YOUR FIRST ORDER
DISK PRICES. ALL DISKS NOW ONLY 90P EACH.
DISKS 1 TO 20. 90P EACH. 20 TO 40. 80P EACH. 40 TO 60. 70P EACH

PLEASE ADD 75P
P+P PER
ORDER

(01702) 542434
CREDIT CARD HOTLINE

1200 GAMES

☐ G510 Fears V2 (Doom)
☐ G419 Rocketz
☐ G479 Donkeykong1200
☐ G412 Morton s/back
☐ G376 Cybertechcorp(2)
☐ **G398 Mad fighter 2 (3)**
☐ G386 Masquerade (2)
☐ G355 Bazza & Runt
☐ G482 Bacman AGA
☐ G400 Jinx aga (2)
☐ G447 Tetris Duel aga
☐ G459 Samurai S/down
☐ G358 Zombies II aga
☐ **G264 Aga Megaball**
☐ G101 Aga Tetris
☐ G217 Motorola In 2 (2)
☐ G342 Hoi AGA Remix
☐ G320 2 Player Games
☐ G345 Evil Insects
☐ G453 Viper
☐ **G396 K/dike v3 h/d (4)**
☐ G446 Miss/o/xerion (2)
☐ G000 PSSST AGA
☐ G000 Cyberman aga
☐ G235 Mr Brownstone
☐ G536 Train Driver Sim
☐ G533 BreakingBricksH/D
☐ G539 Bratwurst v1.01
☐ G545 Doomer (H/D only)
☐ Blittris AGA

1200 SLIDES

☐S126 Cindy Crawford (4)
☐S141 Niki Taylor (2)
☐S109 Babylon 5
☐S141 Jurassic Park
☐S112 Red Dwarf (2)
☐S125 Aga Fantasy Pics
☐S011 Star Trek Aga
☐S111 Erika
☐S112 Claudia
☐S057 AGA Manga (4)
☐S103 Phoebe Cates
☐C059 LionKing C/art 3
☐S092 Shad Art (2)
☐S100 Scan Is Lame (2)
☐S144 Eternal slides (2)
☐S138 Jenny Garth gifs
☐S121 Aladdin slides (3)
☐S142 Pam Anderson (2)
☐S145 Wild wheels
☐S146 Formula 1 S/S (4)
☐S148 Lingerie slides (5)
☐S147 Beach babes (4)
☐S154 Danni Minogue (3)
☐S155 Kathy Ireland (3)
☐S156 Kathy Ireland 2 (3)
☐S157 Kylie Minogue (3)
☐S158 Kylie Minogue2 (3)

A1200 UTILS

☐U533 Lottery winner
☐U700 Spectrumemv1.6b
☐U639 ZX Sp em v4.71
☐U636 R. Mcveys c/icons
☐U640 Virtual reality 020
☐U634 Funny b/g & icons
☐U705 DIY Reko
☐U701 Magic w/b v1.2
☐U700 SpectrumEmv1.6b
☐U711 Mr backup Pro v2
☐U712 Swazblanker v2 a
☐U713 BlitzBlanker v2.5
☐U683 W/bench patterns
☐U496 Spectrum 1.3 aga
☐U506 Movie guide(2)
☐U453 1200 Diagnostics
☐U435 ASI Multivision
☐U539 Videotracker aga
☐U539 V/ tracker xtra (4)
☐U224 Andys Wb3 Utils
☐U261 Graphic Utils aga
☐U277 Sick 1.3+
☐U608 Kick 1.4
☐U162 Wb3 Backdrops
☐U257 Wb3 Virus Killers
☐U374 Blackboard
☐U387 WB3 Icon Editor
☐U391 AGA Blankers
☐U431 Mand 2000
☐U597 Superview AGA
☐U612T.U.D.E Degrader
☐U326 ASI fix disk 2
☐U387 AGA Icon Editor
☐U390 1200 Final Test
☐U472Wb3Libs&Data
☐U395 Re-Org 3.11
☐U162 Wb3 Backdrops
☐U658 Super Dark
☐U394 Wb3 Virus Killers
☐U163 Wb3 Hacks
☐U312 Magic Wb (H/D)
☐U606 AGA Utils #2
☐U623 AGA Utils #3
☐U602 AGA Utils #4
☐U374 Blackboard
☐U108 Windowblend
☐U646 Beginners to w/b3
☐U653 Imagine L/Flairs
☐U416 Swerve aga
☐U777 Nostromo Cheats
☐U775 Loom 1.9 demo
☐U765 Colour WB

A1200 DEMOS

☐D315 Roots II
☐D316 Momments
☐D320 Amazed (3)
☐D321 Alien Ispiration
☐D322 Genex (2)
☐D330 Deep (2) (hd only)
☐D338 C42
☐D339 Embassy (2)(hd only)
☐D340 Hate 2 (2)(hd only)
☐D341 ZIF (2)(hd only)
☐D342 Fruit Kitchen (2)(hd only)
☐D343 Control (2)
☐D295 Delon final c/dom
☐D298Ozonebonzmix(2)
☐D302 Bad zoom
☐D303 In a world of ascii
☐D304 Lech demo
☐D305 Response
☐D306 Melchior (2)
☐D258 Wit Premium
☐D291 Jammin
☐D290 Footsteps
☐D283 Dreams 3 (2)
☐D284 Impos/poss(2)
☐D285 AnhaloniuLewini
☐D301 Cubic Dreams(2)
☐D254 Apex Datsy
☐D250 Switchback (2)
☐D249Twisted Minds
☐D251W/slammer (3)
☐D254 Motion Bomb (2)
☐D273 Shakka Lakka
☐D272 Explorer
☐D255 Soul Kitchen (2))
☐D324 bosnisk metall
☐D263 Nexus 7
☐D264 Roots
☐D256 Killing Time (4)
☐D252 Prey (2)
☐D222 Love (2)
☐D232 Some Justice 94
☐D240 I Feel Good
☐D220 Brain/ S In A Box
☐D317 Tenebra
☐D318 ArtCore - Scoopex
☐D319 Picturebook-axis (4)
☐D323 Omen (noFast RAM)

MUSiC

☐M269 Tas ma house
☐M268 Waterfall
☐M265 The grid texas
☐M263 Basscrew h/core
☐M000 Mad preacher
☐M255 Audio magic 6
☐M253 Kts m/mods (8)
☐M248 Bass samples
☐M245 Metallica (2)
☐M242 Beat loops
☐M042 Rave vision
☐M086 T/Mania II

UTILITIES

☐U010 Amiga Beginner
☐U460AmigaDosTutorial
☐U297 Text Engine V4.1
☐U391 Disk Repair It
☐U272 B/Base III
☐U456GNUC/C+vCom(3
☐U163 W/B Hacks
☐U571Hd Game/install II
☐U485 Hd Games /install
☐U543 Epu D/ Stacker1.7
☐U458 Internet Guide
☐U513 Vmem +vmm
☐U642 Mui v2.3
☐U549 Main actor v1.54
☐U491 Dpaint/buddy(2)
☐U467 Imagine buddy(2)
☐U492 SnoopDos V3
☐U620 Virus Checker 6.5
☐U228Lock Pick 2
☐U316 Crack & Copy
☐U307 Hard Drive Utils
☐U362 PC Task V2
☐U212 Little Office
☐U012 Business Letters
☐U596 More colour icons
☐U576 M/wb extras (2)
☐U292 Easy calc plus
☐U309 pools wizard jnr
☐U649 Final wrapper v3
☐U567 Mwb b/ground kit
☐U566 Resume maker
☐U385 W/b 2 tutorial
☐U412 Acc/master v2.1
☐U483 Selfbooting disk
☐U414 Arrex ref manual
☐U289 how toCode in C (2)
☐U249 Video wipes
☐U301 Octamed tutor
☐U307 H/D Utils
☐U061 Disney clipart
☐U075 Freepaint
☐U211 Parnet (2)
☐U222 Label maker v3
☐U412 Account master
☐U406 Eagle player
☐U404 Parnet help disk
☐U395 Reorg v3.11
☐U388 No sampler v3
☐U591 Trevs mui pics
☐U701 M/W Bench v1.2
☐U703 Octamec 4
☐U705Pagestreamupdate(2)
☐U705 Easy dms
☐U709 Pro lottery v1.1
☐U711Mr backup pro v2.2
☐U714 Amos joke disk (2)
☐U715 X-files guide
☐U716A Term v4.3
☐U716B Term 030 version
☐U716C Term locale
☐U717 Image engineer v1.1

☐U718 Internet utils 2
☐U719 Virus w/shop v5.1
☐U720 BarTender
☐U722 Dialing codes
☐U723 Procad v1.0
☐U633 magic w/b icons
☐U635 Creatv-icons
☐U637 Hardware hacks
☐U638 C64 Emulator(020)
☐U669 Word search des
☐U671 Backdoor v6.88
☐U672 Progamble v2.1
☐U674 ABC patterns
☐U675 Assign manager
☐U677 Cheats V3.0
☐U678 Gastrick
☐U683 Workbench patterns
☐U687 Magic wb extras 4
☐U688 Autoboot V4.0
☐U689 Imagine 2 l/wave
☐U263 Menumaster III
☐U696 Graphics converters
☐U697 Hint & cheats
☐U698 Wallpaper V1.0
☐U699 Symphonie V1.3a
☐U615 Image desk v 1.2
☐U622 Mp Lottery
☐U Robs Hot Stash 1-35
☐U643 Final Fax
☐U644 Terminus
☐U645 Dopus Companion
☐U654 Filer v3.23
☐U655 MoreWb3Datatypes
☐U656 Dopus Extras
☐U670 Scala B/grounds (3)
☐M087 Drum loop samples
☐U757 Transition
☐U758 Iconian v2.93
☐U759 CDROM Update!
☐U761 Gentree
☐U766 Sound Box v1.97
☐U767 GFX Conv v1.2
☐U768 Art Pro
☐U769 Bluff Vid. Titler
☐U770 VMM v3.0
☐U771 Virus checker 6.54
☐U772 Backdoor v7.45
☐U773 Robs Hot lottery
☐U774 Lottery Lunacy
☐U776 Amiga CD Guide
☐U778 Frodo & TowerFit
☐U779 Words2.3(LZXed)
☐U780 Gold-Ed3(LZXed)
☐KTS Spectrum Gold (3)
☐U782 Easycalc
☐U783 Notebook Oraganiser
☐U784 ZX Files Disk Mag
☐U785 ZXam v2
☐U786 Messysid 3
☐U787 Virus Workshop v5.4
☐U786 Anim Pro (2)
☐U789 Scion v4.07
☐U791 GP Editor v3

GAMES

☐G506 Jet set willy 3
☐G508 MASH
☐G493 Puzzle pits 2
☐G392 Marbles
☐G492 Track-a-tack (2)
☐G504 Dr strange 2
☐G458 Colonial conquest II
☐G463 League soccer cards
☐G465 Coinmania preview
☐G466 Classic pacman
☐G474 Bubble gum
☐G475 Hyperace (3disks)
☐G480 Charr v1.0
☐G481 Glassback 2
☐G485 Chess programs
☐G487 Martial spirit
☐G488 Marbles
☐G490 Cowwars
☐G491 Helicopter
☐G483 Ultimate fruit mac
☐G486 Powertetris
☐G394 Fruitmania
☐G406 Stewards Enquiry
☐G370 Automobiles
☐G315 Raise The Titanic
☐G023 Hugo (3)
☐G151 18 Hole Golf (2)
☐G040 Neighbours (2)
☐G103 RoadTo Hell
☐G200 G.Prix Manager
☐G198 Starbase 13 (2)
☐G148 Texas Chainsaw
☐G004 Star Trek (2)
☐G213 Mr Men Opics(2)
☐G238 KT'sBoard Games
☐G300 Tetris Pro
☐G149 W/ World Giddy
☐G026 Deluxe Pacman
☐G434 Power Battle
☐G426 Supermega Fruits
☐G424 Suicide Machine
☐G455 Leathal Formula
☐G406 Stewards Inquiry
☐G429 Dead Of Night(3)
☐G416 Sniper
☐G444 Chaneques (2)
☐G459 SamariShowdown
☐G532 Dawn 5 (2)
☐G534 Springtime
☐G535 W/B Games (4)
☐G537 Spaced Out
☐G538 Thesius XII
☐G540 W/Chair Gladiators
☐G541 The Therapist
☐G542 Car Business
☐G544 Cardz (1.5meg)
☐G567 Antz
☐G568 Dark Angel
☐G569 Super Skiddy 3
☐G571 Secret Elf Squad
☐G572 Moviemaker 2 (2)

KT's CD PRICES

CD PD NO 4	£13.99
CD006 DEMO CD 1 OR 2	£9.99
CD007 17 BIT COLL	£28.99
CD039 17 BIT CONTINUE	£9.99
CD065 17 BIT PHASE 4	£9.99
CD033 AMOS USERS V2.0	£17.99
CD019 NETWORK	£13.99
CD028 PRO/ FONTS	£9.99
CD026 LOCK & LOAD	£9.99
CD044 SOUNDS TERRIFIC	£19.00
CD027 SPACE & ASTROMY	£17.99
CD043 W/SCIENCE FONTS	£9.99
CD042 W/SCIENCE CLIPART	£9.99
CD062 LSD TOOLS 2	£17.99
CD031 MEETING PEARLS II	£9.99
CD040 EUROSCENE 1	£9.99
CD098 W/S ANIMATIONS	£17.99
CD064 HOTTEST 4 or 5	£16.99
CD034 ASSASSINS	£17.99
CD067 ILLUSIONS IN 3D	£8.99
CD070 POWER GAMES	£9.99
CD072 ADULT SENSATIONS 2	£17.99
CD107 AMINET 5	£13.95
CD112 AMINET 1,2,3,4	£26.99
CD111 DEMO MANIA 1	£17.99
CD077 DESKTOP VIDEO	£13.99
CD032 FRACTAL UNIVERSE	£17.99
CD061 UTILITIES PRO	£17.99
CD105 G.F.X SENSATIONS	£17.99
CD038 MULTI-TOOLKIT 2	£23.99
CD053 CLIP-ART PRO 2 (With 250 Page Book	£18.99
CD145 3D ARENA	£23.99
CD067 MAGIC ILLUSIONS	£11.99
CD101 SOUND LIBRARY(2)	£17.99
ZOOM CD	£15.99
AMINET 7	£13.95
UPD GOLD (4 CD's)	£27.95
CD171 AMIMATIC	£9.99
CD180 SPECCY SEN VOL2	£17.99
CD181 C64 SENSATIONS	£17.99

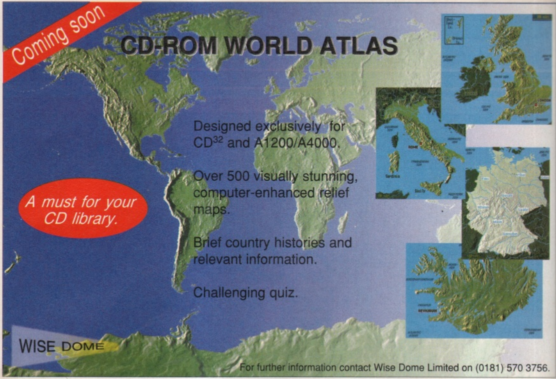
WE CARRY ALL CD'S IN STOCK
FOR QUICK DESPATCH.
ALSO PC CDROMS.

ORDER ANY
20
DISKS FROM
THIS ADVERT
FOR ONLY £15.00P
INCLUDING P+P

WE ALSO STOCK
FRED FISH
1-1000, CLR
Licenceware,all
titles Assassins
collection up to
250.Also Scope
and LSD Legal
Tools.

100 PD GAMES NOW ONLY £5 inc p&p.
SPEND OVER £15 ON PD AND RECEIVE A DUST
COVER FOR YOUR AMIGA WORTH £2.50. BUY 10
DISKS AND CHOOSE 1 FREE.. MONEY OFF VOUCH-
ERS WITH EVERY ORDER.PD DISKS AT ONLY 50P
(SEE CATALOGUE DISK)

HOW TO ORDER. TICK TITLES YOU REQUIRE,CUT AND SEND,OR SEND IN YOUR OWN ORDER WITH NUMBERS LISTED,WITH YOUR PAYMENT.CH/PO/CASH/C/CARDS TO DEPT CU KT'S PD
75 THE DRIVE, ROCHFORD, ESSEX SS4 1QQ
PLEASE INCLUDE YOUR NAME AND ADDRESS.
ALL ORDERS SENT BY 1ST CLASS POST THE SAME DAY UP TO 4PM. CALLERS WELCOME...



Coming soon

CD-ROM WORLD ATLAS

A must for your CD library.

Designed exclusively for CD^{32} and A1200/A4000.

Over 500 visually stunning, computer-enhanced relief maps.

Brief country histories and relevant information.

Challenging quiz.

WISE DOME

For further information contact Wise Dome Limited on (0181) 570 3756.

FOR ALL YOUR PD NEEDS

MG's PD

(CUA) The Old
Farmhouse, Rosefield,
Balbeggie, Perth, PH2
6AT Tel: 01821 650488

Fast, Friendly, Efficient Service. Orders returned same day 1st class

GAMES

CARDZ ALL 1MG AMIGA
This is a conversion of klondike AGA, also many of the cardsets. Brilliant!
THE PYRAMID GAME (2)
BANDITMANIA D
FRUIT MANIA
ZOMBIE APOCALYPSE
DOCTOR STRANGE 2
BLACK DAWN 2
SPELLTRIS
ATOMIC
FLAMING ENGINES
MISSILES OVER XERION (2)
DEMON (BRILLIANT CARD GAME)
POKER MANIA
LAST LAP
DONKEY KONG (NOW ALL AMIGAS)
GAMEBOY TETRIS
DELUXE PACMAN (STATE WHICH AMIGA)
BALDERS GROVE V2
ROAD TO HELL
OBLIVION
BLASTER (NOT 600/PLUS)
PUB DARTS
PUZZWORD
PARRA ATTACK
TETRIS PRO
MEGABALL
ANT WARS 1.9
BATTLE DUEL
JUMP-EM
T-RACER
PSYCHEUAL
80 QUESTIONS

1200 GAMES

HOI'S AGA REMIX
FEARS 2
JINX AGA (2)
TETRIS DEUEL AGA
SAMURAI SHOWDOWN
ROCKETZ
CYBERTECH CORP (2)
MAD FIGHTERS 2 (3)
MEGABALL AGA
MASQUERADE (2)
EVIL INSECTS
DELUXE PACMAN AGA
PSSST AGA
JETSET WILLY 3
CRYSTAL HAMMER
CARD GAMES DELUXE (3)
KLONDIKE DELUXE (FLOPPY) (3)
KLONDIKE 3 HD ONLY (4)
NOW OVER 60 KLONDIKE CARDSETS AVAILABLE

UTILITIES

MANDELLA
IMAGE STUDIO 2 (2)
DOPUS COMPANION
SPONDULIX V5
AMIGA DOS TUTORIAL
DOPUS EXTRAS
SCOUT SYSTEM MONITOR
AMIGA E V3
DOS MAN
FREE COPY V1.9
AUTOSTEREOGRAM

VIRUS CHECKER 6.58
PRO GAMBLE V2.1
TURBO SUITE V3
MAGIC DISK CREATOR
MAGIC WORKBENCH 2
AWARD MAKER 2
X FILES GUIDE
BOOKY BEATER 1.1

1200 UTILS

VIEWTEK 2.1
AGA ICON EDITOR
A1200 FINAL TEST
BLITZ BLANKER 2.5
VIDEOTRACKER AGA
MAND 2000
3D STEREO KIT
SWAZ BLANKER 2.7
A - Z OF LIGHTWAVE OBJECTS (5)
256 COLOUR ICONS
ICONIAN
SUPER VIEW AGA
IMAGINE TEXTURES GUIDE
FUNNY BACKGROUNDS
DIY REKO (MAKES CARDSETS WITH IMAGE FX)
BALLS AGA (LOTTERY PREDICTOR)

SPECIAL OFFER
BUY ANY 10 DISKS FROM THIS ADVERT FOR ONLY £8.00 INCLUDING P&P. ANY 20 DISKS £15.00

Send 3x1st class stamps for 2 catalogue disks

Fish Disks 1 TO 1000	Assassins 1 TO 240	17 Bit Disks 1 TO 3400+	All disks 90p P&P 70p per order	Please make cheques & PO's payable to M.Grieve

"The "Little Gem" Micro Audio Mixer and E.Q Unit"

THEY SAID IT!!

"The little Gem is just the thing to bring your Amiga's sound out of it's shell"
"Give your Amiga's sound the treatment it deserves" - 83% CU Amiga

"This is an essential piece of kit, Buy it now!"
"If you're serious about using your Amiga for making music, then you MUST have one of these, simple as that" - Raven (MED User Group)

"The quality of the Gillett Mixer is self-evident"
"The Gillett Mixer is an extremely useful addition to the equipment armoury of an audio buff." - 83% Amiga User International.

"Feed your sounds through the "Little Gem" micro mixer to make a higher quality end recording." - 80% Amiga Shopper

Also compatible with PC's, Ataris, and Macs!

BATTERY OR MAINS UNIT NOT SUPPLIED

2 Channel In / 2 Channel Out
Independent volume / gain control for each channel
Battery or mains operation - takes no power from your computer
Process sounds prior to sampling - then process again on playback!
Acts as a sound processor to seriously enhance the sound
Hi and Lo EQ (equalisation) to +/- 12db to increase/decrease the bass and treble content of the sound
Pan Controls for stereo positioning of each channel - no need to suffer from hard right and left stereo panning
COMPATIBLE WITH ALL MODELS OF AMIGA, PC3s, MACS AND ATARIS

£69.95
Including VAT, packaging & 1st class postage
Overseas delivery:
£4 Europe / £8 Rest of World
Cheques and/or postal orders only

Available only from the developer and manufacturer:
GILLETT MULTIMEDIA
10 Saint Audrey's Way, Ely, Cambridge CB6 1DF
Tel (01353) 669203 Fax (01353) 663371

V A M P

Adventure Helpline

She's not very tall, but in the world of adventures they don't come any bigger than Vampyra. If it's an agnostic agony aunt you need, then look no further.

Knightmare

My party is on the Quest for the Crown. We have just got off the train and in front of us is a pool of water. Every time we try to cross it we drown. My grandson has tried but he has had no success. Please can you help?

Computer Granny, Basingstoke.

I bet you don't move as quickly as you did when you were young, and I bet you can't still get into your wedding dress either. And why? Because you've put on weight! If only you could shed a few pounds, I bet you could run like fun. Drop everything that's not essential and you'll find things won't be such a problem.

Operation Stealth

At the Santa Paragua Airport I can find the coin in the newspaper dispenser and I can get into the toilet but if I try to get past the Customs Official he asks for my passport, which I don't have and don't know where to find. In the manual it says that there is an NTY Forger in the briefcase for making passports, but it doesn't say how to open the case.

Daniel Shapiro, Southend.

There is a beautiful girl in this game who will be relying on you and you can't even open the briefcase! Boy are you going to have trouble with this game. Here is the walkthrough for the first part. Go to newspaper machine, examine coin slot, take coin, use coin in slot, examine newspaper, go west, OPERATE BRIEFCASE, examine passport, take notes, operate calculator, use passport on slot, set machine for Germany, operate Enter Button, go east, use German passport on guard, speak to girl, go west, use airline ticket on guard, examine baggage, take baggage (labelled Martinez), go east (into toilet), operate baggage, take all, use electric cable in plug socket, operate razor, go west, go south (outside airport), stand near the sign and wait for taxi. Get in.

Curse of Enchantia

How on earth do I get the magnet down from the ledge in the room with the big rock in it? I have attached the plank to the rock and I am carrying a paperclip, a ball of string, some seaweed attached to some twigs and what looks like a computer.

Isabelle, Fakenham

Return to the room where you picked up the dodgy-looking computer. Look in the hole in the wall and you will find a reel of wire. Go back to the cave with the plank and stand behind it. It's now that you should realise that the computer you are carrying is an Atari ST and is therefore completely worthless, so throw it. The heavy piece of rubbish will land on the other side of the plank and catapult you up into the air.

Bard's Tale III

I'm at the end of the 6th world, Tenebrosia, where I need to confront Sceadu and get a couple of items off him. My problem is that I can't find him and I have mapped out the whole level. I have been in touch with everyone I can think of, but no one can help.

M. Elgie, Wimbledon.

So why didn't you come and ask me earlier? I don't bite you know. Oh dear, what am I saying ... You must go to the Middle of Nowhere (go 4S, 3W from the city of Black Scar). Use the Shadow Door and Shadow Lock then enter the hol e to the dome. Sceadu is to be found of level 2. You'll have to use a Rogue to sneak up and kill him. He's got the Helm of Justice and a magic cloak.

Larry 3

I have gotten into the locker room and found locker 69, but I can't open it. I have tried calling the Sierra helpline, but it simply says that I should open the locker, with no clue as to how I'm supposed to do that. The only clue to the combination is the names of three businesses written on the back of the Health Club, but I don't see how they can help with the combination of the lock.

S. Anderson, Mid-Glamorgan.

In this case the three companies you mentioned have also taken up advertising. Look in the free magazine which came with the game, and find the three page numbers which carry the adverts. I do hope you've got that magazine or you're going to get very cross at this point!

Beneath a Steel Sky.

I have broken into the subway beneath the night-club, but I keep getting eaten by a monster! What I'm I supposed to do next? Help!

Thomas Pashby, London.

What do I do with the dummies in the cathedral? How do I get past the thumbprint scanner in the club?

Graham Kidd, Ayrshire.

Just like me, the monster in the dark subway has an aversion to the light. Examine closely to the left of the entrance hole and you' ll find a socket. Use the light bulb in the hole and the monster will 'leggit'. The thumbprint scanner can be fooled by getting a thumbprint from Colston. He will then get up and leave his glass once the band stops playing. You can take the glass to Burke's Bio Su rgery to get your problem fixed. Inside the cathedral you should walk through the back door to the left and examine the middle locker. It's here that you'll discover Anita's dead body.

Hook

I am sending this letter on behalf of my forty-three year old dad. He can't get onto the pirate ship.

Clare Shillitto, Clevedon.

Only a pirate can get on board. So go to Dr Chops, and after having two teeth out you can pick up a roller blind at the back of the wall. Go to the Bait and Tackle. Go upstairs and use the anchor with the rope to get a hat from a pi rate below. Give three mugs of beer to a man in the Jolliest Rogers and then take his pants off. Go behind Pirate Square and use the roller blind. Sorted, as they say.

If you've got a little problem that you are too embarrassed to ask a friend about, pop it in a plain envelope and send it to our Mistress of the Night and she'll take a close look at it for you.

"IF IT MOVES, BITE IT!" IT'S A SIMPLE PHILOSOPHY, BUT IT'S KEPT VAMPYRA HAPPY FOR MANY A DARK NIGHT.

Snip Tips

Hello again, and welcome to this month's selection of snips and tips, courtesy of, well ... you lot really. Don't forget, though, it's all worth while, because any tips printed earn their author a free Hit Squad game. Hurrah!

MEAN ARENAS

Ice

It's an oldie, I know, but a goodie and Mr Mark Ross has a rather dandy little cheat... Just type in CHEAT on the option screen (clever!) and you access a bonus arena which has tons of groovy things to collect and no enemies. If you follow the course of the arena you'll come to a rocket ship which, when collected, activates the cheat mode, allowing you to press the following buttons for the following effects: 'Help' takes you to the next level, 'Delete' gives you a shield, 'L' gives you extra lives, 'W' awards extra weapons, 'B' gives you extra bombs, and 'E' gives extra energy.

BRIGHTON & HOVE 0
YEOVIL TOWN 1
START
SPENCER

▲ They don't have this kind of dodgy corrupt cheating in real football. Or do they? Hmm...

ULTIMATE SOCCER MANAGER

Daze

Thanks to Paul Scott for a handy set of cheats for this little fella'. If you tell the game that your name is MAKE BELIEVE you can then press the following buttonettes for these cheats:

1 to win the match 1-0
2 to win the match 2-0
3 to win the match 3-0
Escape to end the half with the score as it stands
G to score a goal at any point during the match
M to collect an extra £100,000

Very nice too, Paul. Here, have a free Hit Squad game!

OVERKILL

Mindscape

A free bit of software is on its way to Master Alistair Wells, and it's all because of this simple little cheat for this excellent A1200 blast 'em up. Just enter NZL as your initials on the high score table, and you'll receive infinite lives. And, er... that's it!

THE ADVENTURES OF ROBIN HOOD

A little known game this (and, in fact, so little known that I can't remember who produced it. Doh!) but it's an interesting and weird offering none the less. Edward Corr Jnr is to thank for these codes, so hold down the Alt key at any point during play, and type:

371 to outlaw merry men.
441 to cycle through seasons.
654 to entice the merry men to join up.
828 to legalise ghanga... er, Robin Hood (whoops!)
103 to make Marion fancy Robin. Err.
373 to put a price on Robin's head.
214 to move near the spring near the wizard.
370 to outlaw stag hunting.
372 to outlaw Robin Hood.
213 to move to the island near Little John.

CANNON FODDER CD32

Virgin

Dan Cunningham adds himself to the list of Hit Squad winners, with a couple of very tasty cheats. First up is the excellent *Cannon Fodder*, where by clicking on the LOAD icon and then pressing and holding both mouse buttons for five seconds (and then releasing) a screen will appear offering you a 'Hardman' option and level select. And next up is ...

SYNDICATE

Bullfrog

Yip, a very clever cheat that allows you to build up tons of doss without doing any hard work. Just put taxes up to 100 percent and then complete the easy first level, but fail the second mission on purpose. You'll now find that, because of the high tax, the fist mission's population have rebelled and you'll have to complete it again. Of course, you can keep repeating this, and for every couple of minutes it takes to complete the easy first level, you'll be raking in the taxes. Then, when you've got tons of dosh to put into research, you can plough through the missions armed with much better weapons than normally available. This lets you tool your cyborgs up early on and plough through the remaining 49 levels of mayhem!

SCORE 003500
ATTEMPTS 003
LEVEL 005

▲ Lost? Confused? Sadder than Wales on a Sunday? Then cheat your backside off. It works for us.

ALFRED CHICKEN

Mindscape

Thanks to Mr Simon Kinder for this little lad. Just type HELP-MARK on the title screen and then press 1 to 9 to select the level you want.

X-IT

Psygnosis

I remember it as *Zonked*. Whatever, you can't dispute it was an excellent puzzle game. Well, let's have some level codes anyway... thanks to Steve Johns.

Level 2	033028
Level 3	555925
Level 4	567597
Level 5	276614
Level 6	517375
Level 7	877535
Level 8	829508
Level 9	287682
Level 10	221620
Level 11	728441
Level 12	640537
Level 13	558170
Level 14	170088
Level 15	688631
Level 16	450418
Level 17	898476
Level 18	095909
Level 19	589611
Level 20	394659

And before you know it, we've run out of space again! Never mind, more fun next month, and more prizes on offer so keep those tips coming in. See you in 30.

your backside

der for
ELP-
n and
ct the

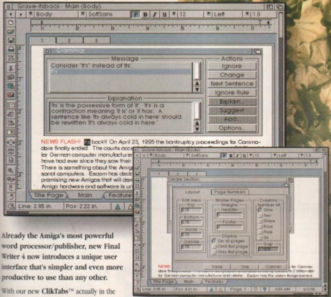
ute it was
e. Well,
des any-
ohns.
...033028
...555925
...567597
...276614
...517375
...877535
...829508
...287682
...221620
...728441
...640537
...558170
...170088
...688631
...450418
...898476
...095909
...589611
...394659

w it,
ace
more fun
re prizes
se tips
in 30.

WRITE TO PERFECTION

Final Writer 4

A new branch on the SoftWood family tree


Grave-itsback - Main (Body)
Body
SoftSans
P B I U
12
Left
1.0
1
2
3
Grammar
Message
Actions
Ignore
Change
Next Sentence
Ignore Rule
Explain...
Suggest
Add...
Options...
Explanation
Title Page
Main
Features
Line: 2.95 in.
Pos: 2.22 in.
Create Section
Main Sections
Layout
Page Numbers
Edit Area
Top
Bottom
Inside
Outside
Master Pages
Margins
Header
Footer
Display
On all pages
Omit first page
Only first page
Columns
Number of
One
Two
Three
Four
Five
Six
Gap
Save
Use
Cancel
Line: 3.95 in.
Pos: 4.31 in.
Page: 1
8:59 AM
6/3/95

Consider "It's" instead of 'Its'.
It's

'Its' is the possessive form of 'it'. 'It's' is a contraction meaning 'it is' or 'it has'. A sentence like 'Its always cold in here' should be rewritten 'It's always cold in here.'

NEWS FLASH! Its back!! On April 23, 1995 the bankruptcy proceedings for Commodore finally ended. The courts acc... lar German computer manufacturer... have had ever since they saw their... There is something about the Amig... sonal computers. Escom has decid... promising new Amigas that will don... Amiga hardware and software is un...

Already the Amiga's most powerful word processor/publisher, new Final Writer 4 now introduces a unique user interface that's simpler and even more productive to use than any other.

With our new **ClikTabs**™ actually in the document window, navigating through the pages and sections of your work couldn't be easier!

Equally as revolutionary, is the new built-in **CorrecText**™ grammar checker making Final Writer 4 the only Amiga word processor that reads, spells and checks, your document actually helping you...

WRITE TO PERFECTION!

Final Writer
Final Writer
Final Writer

Final Writer 4's new innovations simply add to a feature list, already the most comprehensive of any Amiga word processor!
If you would like to place an order or just require further information, please call our...

Order Line

01 773 521606

Access Creditcharge VISA SWITCH DELTA

Who else but the World's leading Amiga home & office productivity software developer could offer you such a wide range of award winning programs?
A range acclaimed as the best for your computer with individual programs having received Amiga Format Gold, Amiga Computing Blue & Gold Chips, CU Amiga Top Rated and many, many others worldwide.

Final Writer

Final Writer 4™

Word Processor/Publisher

The most powerful Amiga word processor for users needing the highest performance and most comprehensive range of features.

- TextBlocks™ - to position text at any size and angle
- FastDraw Plus™ - versatile selection of graphics tools
- TouchTools™ & PowerUser Bars™ - One touch commands
- PerfectPrint™ - You just can't print better on your Amiga
- French, German and Norwegian dictionary options
- Output PostScript™ fonts & clip-art to all graphic printers Supplied with 100 images and 120 outline font FREE!

£74.95 *Inc. p&p*

**Amigas running Workbench 2.04 or later with a hard drive and a minimum of 2.5Mb of free RAM - More recommended.*

Final Copy II™

Word Processor

This powerful alternative is the ideal companion for Amiga users with single or twin floppy drives and a lower memory size.

Final Copy II

- PerfectPrint™ - an advanced system that enables you to output PostScript™ smooth fonts to ANY printer in both landscape and portrait modes
- FastDraw™ - on screen drawing tools for creation of boxes, lines, borders, arrows etc.
- Other features such as newspaper columns and import of graphics and pictures with scale, crop and autoflow text

**Amigas running Workbench 1.3 with floppy or hard drives and a minimum of 1Mb of free RAM (HDs - 1.5Mb) - More recommended*

£49.95 *Inc. p&p*

Final Data™

Database

A powerful yet simple to use database with extensive features enhancing your potential to store important information EASILY.

- Easy definition of columns for categories of information such as name, house number, street, town, county, postal code, phone number etc. - no unfamiliar commands!
- Built-in routines for rapid label printing
- Print/mail merge with word processors
- New 'Memo' feature, acting like a 'Post-It' note, to enter large amounts of text within any record

£39.95 *Inc. p&p*

**Amigas with floppy or hard drives running Workbench 1.3 or later and minimum of 512K free RAM (HDs - 1Mb)*

Final Calc™

Spreadsheet

The answer to every spreadsheet users dreams! With its flexible modes of operation, it's ideal for beginners and experts alike.

- Layered sheets for multiple linked spreadsheet operation
- Advanced Printing and font handling with auto-fit to page(s) and complete document scaling
- Vast choice of graph styles including 3D and animated to show calculation results actually as they progress
- Unlimited number of Undo and Redo events with listing
- Lotus 1-2-3 .WK1 compatible & full text file import/export

**Amigas running Workbench 2.04 or later with a hard drive and a minimum of 2Mb of free RAM - More recommended*

£CALL *for details*

SoftWood
...*Naturally* **Better**

SoftWood Products Europe Limited, (Department AMF), New Street, Alfreton, Derbyshire. DE55 7BP *FAX: 01 773 831040*

SoftWood Inc.
United States
+1 602 431 0949

Emerald/Quasar
Australia
+61 3585 2055

Oberland
Germany
+49 6173 65001

C.I.S.
France
+33 57 89 11 40

ProComp
Sweden
+46 4727 0845

on system requirements: Our products are the most economical in their use of system resources. Like others, we quote the minimum required to load our software, but please note that as with all programs, more memory/latest Workbench may be required to access all graphical features fully. If in doubt, please ask.

Pic`n`Mix GRAPHICS

ONE WAY
POW!
HAPPY BIRTHDAY

Why be tied to taking "Pot Luck" when buying ClipArt? Now **YOU** can select **your own** preferences from the comfort of **your own home.** Choose from over 3000 images in over 40 Categories. Give yourself a break and **TRY BEFORE YOU BUY!** Available in both Scalable and Bit-Mapped formats including the popular .IFF and .CGM. All images are **128/256 Colours**.....suitable for both **Colour and Mono Printers.** All images are artist drawn.......no scanned or traced images here! From 30p per Clip.

INK JET REFILLS

Having used Ink Jet Printers for over 5 years, we feel we are in a unique position to provide a First Class Service to all of our Customers. We supply any amount of Ink from 20 mls to 500 mls in all Colours. For Bulk Buyers we can provide single refills from as little as little as 80pence!

Trade Enquiries welcome

SELECTAFONT

Pic`n`Mix FONTS

BEEHOUSE CHILLI
CHINESE HEADHUNTER STEEL
INDIANAJ KEYBOARD STAR
BLOCK WHARMBY
WOBBLE STARS
ZORRO CARPE
SWINGE POSTCY
Tintoret RANSOME
Open Ho OREGONWET
PEACE Miami
SALTER
ORIENTAL SHANGHAI SHRAPNEL
Medusa STENCIL STRETCH
TOYBLOCK WEDGIE WASHBOOK!
POWERLINER OLDEWORLDE WHAT A RELIEF

Unlike some of the cheap and cheerful Font CDs doing the rounds, **our Fonts WORK!** Select from over 4000 Fonts in both **COMPUGRAPHIC & ADOBE** and leave the rest up to us. Fonts from 30p each

For Bulk Buyers we offer some very special deals with Fonts from **7p each**

We have been in business since 1991 and pioneered the Pic n Mix concept. Our service is unique with a **TECHNICAL HELPLINE** for all of our valued Customers

For your **FREE 48 Page** Information Pack, either Write, Phone, or Fax us.

SELECTAFONT (Dept CU)
84 Thorpe Road, Hawkwell, Nr Hockley, Essex. SS5 4JT

FAX: 01702 200062 VISA MasterCard **PHONE: 01702 202835**

"HOW MUCH?"

PHILIPS
COLOUR
MONITORS
£99

The Problem: Eastenders or Street Fighter?
The Solution: A Dedicated Video Monitor.

PHILIPS
9-PIN
NLQ
PRINTERS
£55

Hard on copy. Soft on wallet.

Multisync Monitors now available

Microtrade

The Redwood Building, Leighton Road, Buttington, Welshpool SY21 8HE
Tel: 01938 556575/556623

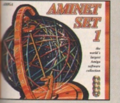
Monitor specification: Philips HCS35 Video monitor with speaker - compatible with **amiga, nes, snes, megadrive i/ii, atari st & composite video** (price includes video lead). **Printer specification:** Philips NMS1136 9-pin NLQ Dot matrix printer, Epson/IBM compatible, 120CPS draft, tractor/single sheet fed, supplied with lead. Note: all equipment advertised is seco nd-user and has been fully refurbished, tested and repackaged in our warehouse facility and carries a 90 DAY WARRANTY. Prices advertised do not include P&P:- please add for single item **- £15.00** Two items - **£19.50. ordering:** please place orders by post ensuring that you specify item(s) required & your computer type. Cheques or postal orders only please, made out to "MICRO-T".

ROM...CD-ROM...CD-ROM...CD-ROM...CD-ROM...CD-ROM...CD-ROM...CD-ROM...CD-ROM...CD-

AMINET 8
October 95

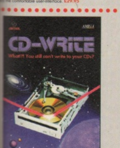
Aminet 8

CD 8, dated August 1995, consists of approximately 1,1 of software in 3600 archives. Since the release of Aminet more than 540 MB new software has appeared. The current has a special focus on modules, more than 1000 mods from were included. User friendly access software makes the CD 8 a pleasure to use. £14.95



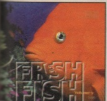
Aminet Set 1

the world´s largest collection of freely distributable Amiga Up to 10.000 users access the vast archives every day programmers publish directly via Aminet. Until recently Aminet was restricted to international network users. With Set 1, consisting of 4 CDs, the complete archive is published This CD-ROM-collection, which is dated January 1995, almost inexhaustible reservoir of top-value Shareware. A of programs is included: Applications, Games, Demos, Mods, Animations, Developer-Material, ... It contains 4 gigabytes of software in 12.500 archives and you the comfortable user-interface. £29.95



CD-Write

still can't write to your CDs? CD-ROMs have long been part of Amiga computing. Many users already own a drive, and the number of software packages available on steadily. Until now, though, it was not possible to CDs. We have solved this problem with our new revolutio- Ralph Babel and Stefan Ossowski's Schatztruhe are present what can be considered a marvel of technology: enables you to virtually write to CDs with an ordinary CD- From now on, you will be able to write, delete, and mo- your CDs. This product will take you into a new era, and able to utilize CD-ROM technology to its fullest. £44.95



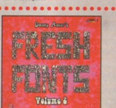
FreshFish 10

CD-ROM-series, produced directly by Fred Fish, provi- users with hundreds of megabytes of the latest freely re- software. Published approximately every two months, is a two CD set containing new submissions since the as well as an ever growing selection of tools, libraries, and other useful material that is updated with every

2050
CDBoot 1.0

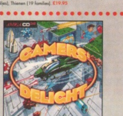
CDBoot 1.0

CDBoot is a fantastic new product that enables you to use almost any CD32 games on an A1200 or A4000 (with AT- or SCSI-CD-ROM drive and any filesystem). You can create a configuration file for each CD, containing information on the Joypad emulation. You can also save the highscore of each CD32 game. The usage and installation of CDBoot is very easy, also for beginners, due to the excellent English manual. Since the compatibility is very high, you can use 98% of CD32 games currently available. CDBoot is an excellent software solution for all Amiga-Freaks, who would like to enter the world of CD32 games! £34.95



FreshFonts II

The FreshFonts II CD-ROM contains 632 megabytes of fonts for almost any computer system. Most of the fonts are freely distributable, except for the Thienen fonts, which are exclusive on this CD. Each of these fonts is included in four different formats: DMF, Agfa IntelliFont, Adobe and TrueType. There are 231 font families on this CD (each containing of up to 8 different styles). They are classified in seven categories: Deco (63 families), Non-Latin (33 families), Pictures (16 families), Sans Serif (29 families), Script (36 families), Serif (36 families), Thienen (19 families). £19.95



Gamers' Delight

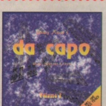
This CD contains 40 games for the Commodore Amiga from differing categories. Action, Jump & Run, Card Games, Puzzles, Strategy Games - a whole range of computer entertainment awaits! Gamers´ Delight will hold you captivated for hours and guarantees long-lasting pleasure. All games are commercial versions - no public domain & no demos! This CD can be run on any Amiga with CD-ROM drive, CDTV or Amiga CD32 Console with 1 MB free memory and Joystick/Joypad. £29.95

GoldFish 2

Volume 2 of the GoldFish series contains a selection of software, animations, pictures and other material released on FreshFish CD-ROM's between October 1993 and November 1994, with most of the material updated to the latest available versions. All material is included in both archived (BBS-ready) and unarchived (ready-to-run) forms. £29.95

LIGHT ROM 2

The LIGHT ROM 2 CD contains almost 650 megabytes of 3D objects, images, images equences, scene files, surface attributes, bump maps and textures in IFF and TARGA formats, DEMs, and Lightwave rela- ted text files. LIGHT ROM is an invaluable resource for Lightwave users, and as a bonus, includes material for Sculpt 3D and Imagine users. £44.95



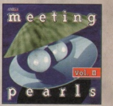
da capo

The da capo CD-ROM is a source for high-quality music, both for listening enjoyment and for samples to use in creating your own music. This is not just another random collection of modules. Many modules and samples are exclusively to da capo. Included are more than 1400 of the best available modules and 2000 high-qualioty samples. £27.95

Gateway! Volume 1

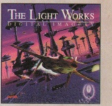
Gateway!

Gateway! offers NetBSD 1.0, a full featured UNIX-like operating system with both sources and binaries for the Amiga, i386, Sun 3, and other architectures. Go netsurfing with the large selection of supplied networking tools. Other supplied packages include a binary release of the X window system (X11R6) for the Amiga, with many additional clients, and packages such as perl, emacs, games, mail programs, and many megabytes of important text files such as RFCs and FAQs. A complete installation guide is available on the CD. There are also some AmigaDOS internet utilities, such as clients for AmiTCP and Envoy. £9.95



Meeting Pearls Vol. I

The Meeting Pearls Volume II contains 650 MB of the finest FD s ware via a special user interface, which has been created to al you to find the program of your choice with ease. The contents: MB of selected html-pages - 50 MB graphics programs and data - MB games - 10 MB from "The Party '94" - 13 MB disk, hard dis CD-ROM and SCSI tools - 19 MB various other tools - 11 MB edu tional software - 25 MB terminal programs - 25 MB animatio mainly from Eric Schwarz - 40 MB developer tools (e.g. pre-instal compiler (DICE, Oberon, Modula), Commodore-Includes, GUI-Too - 9 MB music programs - 10 MB midi programs - 27 MB pictures - MB texts, FAQs, CD contents files, etc. - 40 MB linux for Amiga - 1 MB TeX installation (PasTeX incl. 600 dpi and fax fonts) - 38 movie data base - 50 MB archives for Psion - 18 MB modules - MB NetBSD for Amiga, ... £9.95



The Light Works

Raytracing - A fascinating area of the computer graphics. Pictur from the computer, perfectly rendered, fascinate people all over t world. The Amiga was the first computer to be used for raytracin and today it is still a leader, with many high quality programs. A re artist of raytracing is Tobias J. Richter from Cologne/Germa whose detailed objects stun the people. Especially his space ships famous science fiction films are used to demonstrate the capabilit of a raytracing program. The objects are highly detailed a extremly realistic due to the application of complex surface textu of the models. Until now it was difficult to acquire these objects order to create ones own scenes or animations. £29.95

TEXTURE
GALLERY

Texture Gallery

Texture Gallery is a 2 CD-ROM set containing over 1.3 gigabytes textures designed for graphic artists. Included are hundreds of 24 textures in several different formats, including IFF, TARGA, JPE PICT, SGI, and TIFF. These textures are perfect for use with 3 programs like LightWave 3D and can be used to create bump map All of the textures are represented in thumbnails renderings for ea previewing. £44.95

● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ●

All products are available in your local Amiga-shop or through national mail-order-companies

SCHATZTRUHE

International Distributor:

GTI
Grenville Trading International Gmb
Zimmersmühlenweg 73
61440 Oberursel · Germany
Tel +49-6171-85937
Fax +49-6171-8302
EMail: Compuserve 100336,1245

Late Night Opening Wednesday & Thursday till 7.30pm

Open Sunday 11am to 4pm

FIRST
COMPUTER CENTRE

HOW TO ORDER

Order by telephone quoting your Credit Card Number. If paying by cheque please make payable to: "FIRST COMPUTER CENTRE" In any correspondence please quote a Phone Number, Post Code & Dept. Allow 5 working days cheque clearance

SHOWROOM ADDRESS:
DEPT. CU, UNIT 3, ARMLEY PARK COURT, STANNINGLEY RD,
LEEDS, LS12 2AE.

LOW COST DELIVERY

●Standard delivery	£1.95
●2-3 Week Days	£2.95
●Next Week Day	£4.95

Delivery subject to stock availability
- All prices include VAT @ 17.5%
- Large showroom with parking
- Multi-million pound company
- Overseas orders welcome
- Educational purchase orders welcome

OPEN 7 DAYS A WEEK

Prices are correct at the time of going to press. Please check our latest prices before ordering. All sales are subject to our standard terms & conditions(copy available upon request). E&OE.

Telephone 0113 2319444

24 HR MAIL ORDER SERVICE FAX: 0113 231-9191
NEW! BBS Sales & Technical line Tel: 0113 231-1422
E-Mail sales@firstcom.demon.co.uk

AMIGA REPAIR CENTRE

We offer a FREE quotation on your Amiga or any peripheral (monitors, printers etc). A delivery tariff of just £5.00 is charged or alternatively you can visit our showroom. We can also arrange a courier pickup at an additional cost of £11.00.

EASY ACCESS FROM M62, M1 and the A1

FIRST COMPUTER CENTRE
KIRKSTALL RD
LIVING WORLD
FARNELLS
A64/A58
LEEDS CITY CENTRE
N
BRADFORD
MIKE'S CARPETS
A647
ARMLEY GYRATORY
ARMLEY
M62/M621

From M62East join M1 From the M1 follow signs onto M621. Take A643 Elland Rd turnoff from M621. Follow signs for A58. This merges with the Armley gyratory. From M62West Junction 27, A62 to Armley gyratory. From the A1 take the turnoff for A64. This merges with the A58 (by-passing town centre) which meets Armley gyratory.

AMIGA

Hardware

A4000T 040 25mhz	£2179.99
A4000T 060 50mhz	£2469.99

New!! Amiga A1200 'Amiga Magic Pack' Only!! £389.99
Includes, Wordworth V4, Datastore, Organiser, Turbocalc, Personal Paint V6.4, Photogenics, Pinball Mania & Whizz.

Amiga Magic Pack + 170Mb HardDrive Only!! £489.99
Includes same software as Std. Magic Pack, But also includes Scala MM300.

Limited UK Stocks

Hard Drives

3.5" Hard Disk Drives with A1200/600 install kit

(We recommend 3.5" drives be fitted by qualified computer engineers)
inc. software, cables and instructions

420Mb	£143.99	540Mb	£159.99
850Mb	£199.99	1.05 Gig	£246.99

3.5" Hard Drive upgrade kit only!! £18.99
Includes set up software, cables and full instructions, no Hard Drive.
Fitting service available if required.

2.5" Hard Drives for A600/A1200 with installation kit

inc. software, screws, cables and instructions

Seagate FUJITSU CONNER

80Mb	£89.99	130Mb	£109.99
250Mb	£139.99	170Mb	£114.99
340Mb	£189.99	510Mb	£274.99
810Mb	£489.99	1.0Gig	£629.99

Quantum TOSHIBA

All drives supplied by The First Computer Centre have a minimum 12 month warranty and are tested to ensure 100% compatibility.

CD ROM Drives

aiwa ACD-300
- Large LCD operation panel
- SCSI-2 interface
- 300k/sec data transfer, 275ms access time
- Audio CD dedicated operation buttons
- Supports Kodak multisession photo CD

ONLY!! £169.99

FREE!! PRIMA Shareware CD ROM valued at £9.99, with every order for the AIWA ACD-300 drive.

Squirrel SCSI Interface When bought with drive, £54.99 separate.	£45.00
GVP 4008+H.D./RAM card SCSI II interface card for big box Amiga's.	£99.99
Sanyo-H94A 2 speed	£126.99
NEC 6Xi 6 speed	£312.99

RAM Expansion

Realise the full potential of your A1200 with the Prima Technologies trapdoor RAM expansion, includes real time clock.

1 MB RAM	£87.99
2 MB RAM	£119.99
4 MB RAM	£179.99
8 MB RAM	£324.99
2 MB & 33 MHz CO PRO	£159.99
4 MB & 33 MHz CO PRO	£199.99
8 MB & 33 MHz CO PRO	£329.99

Accelerator Cards

Viper II 28 EC	£119.99
Viper II 50	£199.99
Apollo A1220-28 Includes 28Mhz 68882 Co Pro & R/T Clock	£99.99
Apollo A1232-EC50 Includes 2 Simm Sockets, FPU Socket & R/T clock	£199.99

SEE BELOW FOR EXTRA MEMORY

Tabby

only £59.99
The amazing new graphics tablet for the Amiga developed with the help of First Computers. 94% rated in Amiga Shopper. Requires 2.04 WB or above.

Floppy Drives

SONY Deluxe 3.5" External Drive only!!! £49.99
On/Off switch, Through port, Anti-click, Anti-virus switch, 12 month warranty and a tough durable metal case. Works on all Amiga's. Excellent value.

NEW!!

PRIMA 1.44 Ext. drive Only	£84.99
A1200/600 internal drive	£39.99
A500/500+ Internal drive	£39.99

Scanners

Power Scan v4. 256 g/scale on AGA Amigas. 64 g/scale non AGA	£89.99
Power Scan Col. 24 bit colour scanner, 16.7 million colours	£174.99
Alpha Scan 800 800 dpi, 256 g/scale, works on all Amigas	£99.99
Alpha Scan 256 256 g/scale, full OCR software, HD req to use OCR	£139.99
Epson GT8500 Colour flatbed scanner Par./SCSI interface built in. Art Department scanning software, price £89.99	£549.99

Monitors

Microvitec Autoscan 1438
.28 dp, 15/38 KHz, all Amiga modes, AGA compatible. No audio, tilt & swivell stand.
only £274.99
*A1200's require an adaptor £6.99

Amitek 1084 S £199.99
14" Colour CGA Stereo Monitor, Composite Video, Digital RGB, Analog Inputs.

All our monitors comply to UK specifications. All monitors come complete with connecting leads*.

Memory Modules

1 Mb 72 Pin SIMM	£37.99
2 Mb 72 Pin SIMM	£69.99
4 Mb 72 Pin SIMM	£113.99
8 Mb 72 Pin SIMM	£230.99
16 Mb 72 pin SIMM	£399.99
1 Mb 30 pin SIMM	£29.99
4 Mb 30 pin SIMM	£115.99
256 by 4 DRAM (DILs)	(each) £6.99
1 Mb by 4 ZIPPS	(each) £32.99
256 by 4 ZIPPS	(each) £5.99

Part exchange available on your old memory, Call for pricing.

Printers

Canon

Canon BJ30 Compact Portable mono printer, 30 page ASF built in.	£184.99
Canon BJC70 Colour High quality Portable colour printer, 30 page ASF.	£289.99
Canon BJ200ex High speed, high quality mono printer, virtual 720 dpi.	£207.99
Canon BJC4000 Colour High quality colour, super fast mono printing 360 dpi.	£289.99
Canon BJC600e Colour New enhanced, dedicated colour printer, virtual 720 dpi.	£412.99

HEWLETT® PACKARD

New!! HP600 Colour upgradeable mono ink jet/ Col. Kit £41.99.	£279.99
HP 320/540 Colour Kit	£36.99
HP 660 Colour New colour inkjet from HP.	£365.99
New!! HP 5P laser printer	£729.99

EPSON

Epson Stylus colour 720 dpi, 100 sheet ASF, Piezo printhead technology.	£449.99
New!! Epson Stylus Pro 720 x 720 dpi, Colour Ink Jet. Auto Sheet Feeder built in.	£799.99

CITIZEN COMPUTER PRINTERS

Citizen printers have a 2 year warranty

ABC Colour printer simple (as easy as ABC) to use 24 pin printer. Comes as standard with 50 sheet Auto sheet feeder. Tractor feed optional at £27.99 only £134.99 if bought without the colour option	£145.99
Projet II Colour New colour inkjet printer with built in auto sheet feeder	£249.99
NEW!! Projet 3 mono High quality 720 dpi mono printer, 3 p/p/m, 3 year warranty.	£POA

star MICRONICS

Star LC100 9 pin Colour 9 pin colour printer, 8 NLQ fonts, 180 cps draft.	£130.99
Star LC90 9 pin mono 9 pin mono printer, ASF built in, push tractor optional.	£107.99
Star LC240 24 pin mono 24 pin mono printer, 192 cps draft, with ASF built in.	£123.99
Star LC240C 24 pin Colour 24 pin colour printer ASF built in, 4 LQ fonts.	£145.99
Star SJ144 Colour Stunning affordable colour thermal transfer printer, low running costs, 3 p/p/m mono, 1.4 p/p/m colour.	£229.99

SupraFAXModem

SupraFAXModem 288
- Up to 115,200bps (v42bis)
- Silent & Adaptive Answer
- V34 Standard
- NComm Software
- Class 1 & 2 Fax
- Unique LCD Display
- Flash ROM
- 5 Year Warranty

only £199.99

Is it a bargain the size of a Hippo's Bum? . You Betcha!! - Amiga Computing Oct. 1994

90% · BEST BUY · 94%

SupraFAXModem V.32bis
This modem has full 14400 baud. includes V.32bis, V.32, V.22bis, V22, V21, MNP2-5, V.42, V42bis, Class 1 & 2 commands, 9600/14400 Group 3 Fax. Includes free modem comms (not Fax)s/w & cable
only £134.99

SupraFAXModem 144LC
V.32 bis (14400 baud)
Low cost version of the classic V32Bis Fax modem. Features as below but class 1 fax only and LED display
now only £96.99

Supra modems are not BABT approved, however they perform as well & often out perform BABT approved modems. Supra Modems have a 5 year limited warranty

USRobotics

WE ARE PREFERRED USR DEALERS

Sportster 288 only £193.99
features V34, 28,800 BPS, BABT approved
If you thought V32bis was fast try V34 (28,800 bps).

Sportster 144 £134.99

Big price reduction on Courier Dual Standard V34+
£287.99 Now 33,600 bps.

Disks/Storage Boxes

QTY	Bulk DS/DD	Branded DS/DD
10	£3.49	£4.49
30	£9.99	£11.99
50	£15.99	£18.99
100	£29.99	£35.99
200	£52.99	£63.49
500	£118.99	£142.99
1000	£211.99	£253.99

All disks are guaranteed, All branded disks come with labels

MULTI COLOUR Disk labels
500 £6.99
1000 £9.99

Re-Mark-It disk labels x10	£2.49
10 Capacity box	£0.99
50 Capacity lockable box	£3.99
100 Capacity lockable box	£5.49
*90 Capacity Banx box	£10.99
*150 Capacity Posso box	£20.99
100 Capacity CD holder	£4.99

*add £3.00 delivery if purchasing just one Posso or Banx box. Normal delivery when purchased with other product or when buying 2 or more.

Consumables

Ribbons

Citizen Swift/ABC mono	£3.99
Citizen Swift/ABC colour	£12.99
Star LC90 mono ribbon	£4.99
Star LC10/100 mono	£3.69
Star LC10/100 colour	£7.99
Star LC240c colour	£13.99
Star LC240c mono	£8.99
Star LC240 mono	£5.99
Star LC24-10/200/300 Colour	£13.99
Re-Ink Spray for mono ribbons	£11.99

MOST OTHER MAKES AVAILABLE

PREMIER-INK Cartridge Refills

Save a fortune in running costs with your ink/bubble jet. Compatible with the HP Deskjet series, Canon BJ10/20/80/130/200/300/330, Star SJ48, Citizen Projet and many others. Full range of colours available.

Single refills	(22ml)	£6.99
Twin refills	(44ml)	£12.99
Three colour kit	(66ml)	£19.99
Full colour kit	(88ml)	£27.99
Bulk refills	(125ml)	£24.99

Miscellaneous

Printer Switch Box 2 way	£12.99
Printer Switch Box 3 way	£17.99
Printer Stands (Universal)	£7.99
1.8 Metre printer cable	£4.99
3 Metre printer cable	£6.99
5 Metre printer cable	£8.99
10 Metre printer cable	£12.99
Parallel port extension cable	£9.99

Ink Cartridges

Canon BJ10/Star SJ48	£19.99
Canon Bj200/230	£19.99
Canon BJ30 (3 pack)	£13.99
Canon BJC 70 mono (3 pack)	£10.99
Canon BJC 70 colour (3 pack)	£16.99
Canon BJC 4000 colour (single)	£16.99
Canon BJC 4000 mono (single)	£7.99
Canon BJC 4000 mono high cap.	£28.99
Canon BjC 600e mono high cap.	£10.49
Canon BjC 600e colour	£8.99
HP. Deskjet colour	£26.99
HP. Deskjet double mono	£24.99
HP. Deskjet 660 double mono	£25.99
HP. Deskjet 660 colour	£27.99
Epson Stylus mono	£15.99
Epson Stylus colour	£36.99
Star SJ144 mono/colour (single)	£8.99

Covers

All printer dust covers	£5.99

Paper

Prices apply only when ordered with printer or purchased direct from the showroom

Fanfold (tractor feed) 500 sheets	£4.99
Fanfold (tractor feed) 1000 sheets	£8.99
Fanfold (tractor feed) 2000 sheets	£17.99
Single sheet 500 sheets	£4.99
Single sheet 1000 sheets	£8.99
Single sheet 2000 sheets	£17.99
Epson Stylus 720 dpi paper pack	£22.99

Delivery for 2000 sheets £5.00 when purchased without printer

Printer repair specialists call for quote

Peripherals

Roboshift MK1	£9.99
New Mega Mouse+	£12.99
Mega Mouse 400 dpi	£11.49
True Mouse 300 dpi	£10.99
Crystal Trackball	£34.99
ZyFi-2 Speakers	£26.99
ZyFi Pro Speakers	£57.99
Amiga Modulator	£34.99
Amiga PSU	£34.99
VGA adaptor	£6.99

SPECIAL OFFER!! Workbench 2.1 S.ware upgrade only £29.99

PRIMA A500 512k RAM no clock	£19.99
PRIMA A500 Plus 1 Mb RAM	£29.99
PRIMA A600 1 Mb RAM no clock	£29.99
Kickstart 2.04	£30.99
Kickstart 2.05 (for use in A600)	£30.99
Fatter Agnes 8375-16	£26.99
Super Denise	£18.99
6571-0326 Keyboard controller	£13.99
CIA 8520A I/O controller	£18.99
68882 Co Pro 25mhz PLCC	£34.99
68882 Co Pro 33mhz PLCC	£44.99

Turbotech realtime clock cartridge £17.99 fits any Amiga

CD ROM Software

THE BIGGEST SELECTION IN THE COUNTRY ALL AT THE BEST PRICES...FROM THE NO.1 IN CD-ROM

17 Bit Collection (Double)	£28.99
17 Bit Continuation	£14.49
17 Bit Phase 4	£14.49
17 Bit/LSD compendium 1	£16.99
17 Bit/LSD compendium 2	£16.99
Adult Sensations II (Over 18's)	£17.99
Aminet 5	£12.49
Aminet 6	£14.49
New!! Aminet 7	£14.49
Aminet collection (Box set 4 CD's)	£24.49
New!! Amos Users CD Ver 2.	£16.99
Animations (Double)	£17.49
Assassins (Double)	£16.99
BCI Net 2	£8.99
New!! C64 Sensations	£16.49
CAM (Double)	£22.49
CD-PD 1	£8.99
CD-PD 2	£8.99
CD-PD 3	£8.99
CD-PD 4	£12.99
Demo CD 1	£8.99
Demo CD 2	£8.99
Euroscene	£12.49
Fractal Universe	£17.49
Fresh Fish 8	£27.49
Gateway	£8.99
GoldFish 1	£24.49
GoldFish 2	£24.49
Grafix Sensations	£17.49
New!! Groliers Encyclopedia 2	£25.99
Illusions in 3D	£8.99
Light ROM	£29.99
Light Works	£29.99
Magic Illusions	£11.49
Meeting Pearls II	£9.99
MultiMedia ToolKit 2 (2xCD's)	£27.99
Network CD	£12.49
New Price!! Prima CD Vol. 1	£9.99
Professional Gifs	£17.49
Proffessional Utilities	£17.49
Sounds Terrific (Double)	£17.49
Space And Astronomy	£16.99
New!! Speccy Sensations II	£17.49
The Beauty of Chaos	£13.49
New!! Ten on Ten pack (10xCD's)	£37.99
New!! UPD Gold CD (4xCD's)	£27.99
New!! World Of Pinups 2	£14.99
WPD Hottest 4	£17.99
WPD Hottest 5	£17.99
Wierd Science Fonts	£8.99
Weird Science Clipart	£8.99
Wierd Science Animation	£16.99
New!! World Info 95	£34.99
New!! Zoom	£18.99

FREE!! Prima Shareware CD-ROM worth £10 with every order of CD-ROM software over £30

Get Serious

Horgan's Organ

This must be your lucky day! You'll hardly believe the line up of hard-hitting reviews we've got for you this month.

First off the blocks is Cinema 4D, a top flight 3D rendering package that runs on as little as 2Mb of RAM, is more user-friendly than a knife and fork and extremely tasty to boot. With great expectations we swooped a new Falcon 040 accelerator/RAM board into an A1200. Did we like it? Turn to page 81 to find out.

Andy Leaning just won't go away, which is just as well, because Final Writer 4 arrived in this month and he reviewed it for us. I can reveal here and now that he thinks it's brilliant! Find out more on page 82.

Music is a subject close to my heart and if it's close to yours too then check out the review of the Technosound Turbo 2 Pro sampler and PD scene where the best new demos are always reviewed.

On the subject of new, what about this Amiga Magic A1200 pack from Amiga Technologies? Relatively expensive it may be but the productivity software in the box is absolutely superb. We've just been the first magazine to see the new versions of Wordworth, Photogenics and Personal Paint in it and there'll be a full update on them next month.

If you're wondering where the CD-ROM round-up has gone check out the CD-ROM feature at the front of this magazine. The most comprehensive guide to CDs new and old is there.

Tony Horgan

Hard boiled hardware fanatics and amateurs in search of more power for their Amiga have come to the right place. It's time to Get Serious ...

- **Cinema 4D 70**
  We bring you the first review of a revolutionary 3D rendering package that's so efficient that it works fine on a 2Mb OS2 Amiga!
- **ShapeShifter 3.2 .... 77**
  Emulate an Apple Mac at full speed on your Amiga for $40? It's true! *ShapeShifter* is the most stunning piece of shareware ever seen.
- **Falcon 040 .... 81**
  Power Computing introduce the first A1200 accelerator to feature the 68040. At last your A1200 can match and even beat the mighty A4000/040!
- **Final Writer 4 .... 82**
  Word processing takes another leap into the future as *Final Writer 4* gets its long-awaited UK release.
- **Technosound Turbo 2 Pro 85**
  Featuring 12-bit recording and some tasty new filter routines, the well-established sampler re-appears in yet another updated form.
- **Image Studio 89**
  While the likes of *Image FX* and *AdPro* dominate the image processing market, a new challenger appears with a few tricks of its own.
- **PD Scene 90**
  It's that time again. Time to strap yourself into a chair and be subjected to an onslaught of twirly demos and bizarre games, all for the price of a disk.
- **PD Utilities 95**
  The essential free data source for your Amiga is the public domain. Find out what's new on page 95.

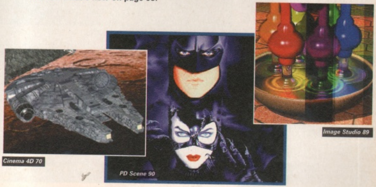


Image Studio 89

Cinema 4D 70

PD Scene 90

Cinema 4D

■ **Price: £199.99** ■ **Developer: Maxon GmbH** ■ **Supplier: HiSoft Systems ✆ 01525 718181**

AMIGA MAGAZINE SUPERSTAR

A new and easy to use 3D rendering package arrives on the Amiga. But how much power does it cost to be intuitive?

AMIGA
MAGAZINE
AMIGA
RAYTRACING
elf RENAULT
Labatt's
5
Camel
GOODYEAR

With the Amiga's roots in graphics for video and television, we've been blessed by the very best packages in this genre. From paint programs to image processors, we had the best before the other platforms had anything like it – and rendering software was central to the Amiga's superiority in this area.

Only now do other platforms have ported versions of the mighty *LightWave* and *Real 3D*, both of which were born on the Amiga. However, one problem which has always held this software back from the mass market is its difficulty of use and system requirements.

Programs like *LightWave* and *Real 3D* require staggering amounts of RAM and processor resources and, worse still, they tend to be almost too powerful. The addition of major features that professional 3D artists have demanded has taken them beyond the level of difficulty and detail that most Amiga amateurs would like.

HiSoft's *Cinema 4D*, developed by a German company, Maxon Software, attempts to redress the balance by providing a package that's easy to use and intuitive while still providing real power.

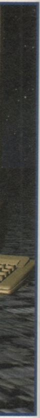
HD Install

Installing *Cinema 4D* eats up just under 8MB of hard drive space, which is fairly modest for a modern rendering package. We still discovered German text in our review copy, but the large manual was fully translated (if a little strangely in places) and HiSoft assured me that the release version of the software will have been fully converted to English.

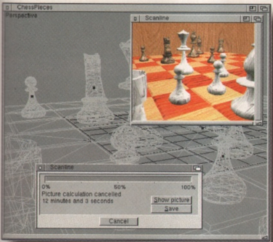
Since the package is alleged to be easy to use, I gave it the ultimate test: the manual lay untouched while I dived in head-first, expecting nothing but grief. I was pleasantly surprised though, it didn't take long before I got to grips with the program.

When you load *Cinema 4D* the default screen appears which consists of a 3D 'perspective' window flanked on the left hand side with a large, clear button bank (or icon bar, whichever you prefer), which contains the basic tools you need to operate the program. When you move the mouse the ground rotates around each axis in line with whatever direction you move it it. There are X,Y and Z buttons on the button bank to lock and unlock these axis in a similar way to *Imagine*.

The editing view is controlled by six buttons: 'XY', 'ZY', 'ZX', '3D', '4T' and 'P'. The first three are simple, two dimensional views for precision. '3D' is a working 3D view which enables you to move around the scene without



e the
s around
atever
here are
button
hese axis
e.
ntrolled
'ZX',
three
nal views
rking 3D
o move



Picture calculation cancelled
12 minutes and 3 seconds

▲ **Renders can also be send to the Cinema 4D screen which will display the picture in a window.**

disturbing the camera setting. The '4T' mode activates the standard *Imagine*-style viewpoint with three separate 2D views and one perspective view. The last mode, 'P', is the camera view. All of these icons are neatly described in a 'help' tool-bar which displays a single line telling you what each button does. Brilliant.

Movement around the window is accomplished more easily than any other package I have seen. A circular gadget rotates around the chosen axis, an arrow gadget moves you along the selected axis and a small arrow pointing to a large arrow gadget is the scale function. Simple and effective. Loading or creating objects is also very simple, and the same axis and movement controls function identically for objects.

Within no time at all I was zipping around a scene pasting primitives and making bizarre contortions with *Cinema 4D*'s boolean operations, which allow objects to cut or add shapes to other objects.

Dual purpose

Icons and menu selections that have a little black dot are dual purpose selections. If it's an icon, the right mouse button will bring up the preferences/settings. If it's a menu selection or a hot key, shift does the same.

Because you can use the multitude of hot keys in quick succession, without having to wait for the screen to re-draw all the time, it is very easy to perform test warps by altering preferences, performing the warp and then hitting undo.

Unlike many other rendering packages, *C4D*'s display never stops you from carrying on. This is a small but brilliant feature that considerably enhances productivity for all operations requiring many attempts at that perfect setting.

C4D doesn't attempt to animate the full wire frame of objects while you're still manipulating. It only draws this when they are static. Like *Imagine* and *Real 3D*, you can also opt to toggle complex objects to permanently stay as bounding boxes in the editor to save lengthy redraws. Another excellent feature is that you can select any number of objects and redraw them partially in wire frame. With this method you can get a rough idea of where things lie even in a very complex scene, without waiting for a full redraw.

Objects, options and text ...

There's a small selection of special objects that *C4D* has built in for ease of use and simplicity. Eg: the 'Figure' option draws a basic humanoid which is handy to form the basis for a more complex model in a real render.

Likewise, the 'Fractal' object creates a relief landscape which would be excellent to map some ground-like texture onto for an instant landscape. 'Emboss' creates a relief object by using an IFF brush. When doing this there are luminance values which you can use to denote the height of peaks.

A 'Sun' setting gives realistic lighting according to the geographic location and the time of day. This is a nifty feature to have integrated.

The last option 'Text', creates 3D font objects which spell out the text you enter. Unfortunately, unlike *Imagine*, *C4D* can't extrude regular postscript fonts, instead you must use the pre-supplied ones which come with the package: Diamond and Helvetica. These are contained in directories full of letters saved as objects. I'm not thrilled with this method but it does work and executes quickly, unlike the more complex *Imagine* method.

If you want to use different fonts it's actually possible to get *C4D* ones you can use on 3D collection CDs like TGV-CVS's *Amiga Raytracing 1* which also contains a demo of *Cinema 4D*.

Of course if you had *Imagine*, you could extrude a postscript font and import it with the provided 'Castillian' utility which can import (and export) *C4D*, *FastRay*, *Imagine*, *Reflections*,

Turbo Silver, *Videoscape*, *Sculpt*, *Pagerender* and *Autocad DXF* formats though alas not *LightWave*.

Cool castillian

In operation, Castillian impressed me a great deal. It not only converts straight point data to duplicate objects across platforms, it also handles materials, textures and object hierarchies (ie, which objects are children of what). This in itself makes it more powerful than many commercial stand-alone object converters. But the really cool thing about Castillian is that it has the ability to batch convert entire drawers. Haleluja!

Because this has been included with *C4D* all you need is one or two CDs full of objects and images from various formats and you have an impressive library. Other rendering packages will generally put you out of pocket by demanding a separate conversion package such as *Pixel Pro*.

Rendering

When it comes to rendering, again *C4D* is down to earth. There's a simple render icon which, when selected, opens up the range of render modes. All the usual suspects are present; B&W Skeleton, Skeleton, B&W Surface, Surface, Scanline and of course RayTrace. A right mouse button click on any of these brings up their preferences. The output settings allow selection of a screen mode as well as aspect ratio and resolution.

In terms of resolution, everything up to HAMM8 is supported and when using ScanLine and Raytrace, 24-bit output is also possible.

One seriously groovy feature is that you can render the frame to the selected screen, save that screen and output a 24-bit picture at the same time. No more converting down to view!

C4D will let you cancel a render in progress at any stage. It doesn't wait for a line to finish, which is handy since in RayTrace mode a line could be several minutes to draw. One niggle, though, is that if the render is prematurely cancelled, there is no partial output file. *C4D* simply deletes it. It would have been nice for it to tidy up the file so that it could be viewed to gauge what part of a picture will look like.

There's quite a few sub-settings for the RayTrace output. Shadows, Transparency, Reflections, Smooth, Textures, Bump, Fog, Multitasking can all be turned off to increase render speed if necessary. Also, *C4D* can blank the screen which should help speed up the process for people using chip memory. In all the render modes it's actually possible to render just the active (highlighted) objects. This provides a relatively quick way of seeing exactly how objects will look without rendering the entire scene, which would take a lot longer.

How long?

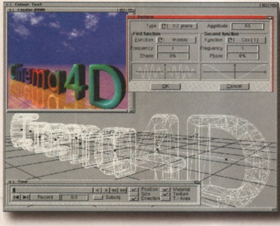
When it comes down to it, rendering times are a major factor for any 3D artist. My impression is that it's significantly faster than *Imagine* and *Real 3D* but stops short of *LightWave*. The Amiga I did most of the testing on is a humble 25MHz 68030 with a 50Mhz 68882. It ran fine on our A4000/40 but crashed regularly on a 1200 equipped with a Falcon 68040 accelerator. *C4D* also worked very well with my graphics board, running under CybergraphX at lightening speed.

The other major consideration for any rendering package is memory consumption. This is another area where *C4D* triumphs: it is the most efficient rendering package I have used. The fact that the *C4D* program itself is a third of the size of *Real 3D* helps. The most impressive aspect however is that the scanline renderer and raytracer are actually separate programs. When the entire scene is created, it's possible to exit *C4D* completely and activate one of these point it at the saved scene and away it goes, rendering using settings you made in the editor earlier.

This kind of approach saves oodles of memory. You can carry on using your Amiga with the small render window showing its progress and time elapsed.

Cinema 4D is now definitely my favourite 3D rendering package on the Amiga. It's absolutely ideal for hobbyists, though its relative simplicity and minor limitations may not always suit the professional user. ■

Mat Bettinson



Deform

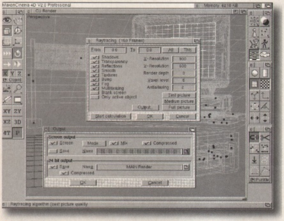
Type: XZ plane
Amplitude: 50

First function
Function: Wobble
Frequency: 1
Phase: 0%

Second function
Function: Cos(1)
Frequency: 1
Phase: 0%

OK Cancel

▲ **Here the deform tool is about to be applied to the large text object. However, before doing this, I'll record the position so Cinema 4D can animate the transition from normal to deformed.**



Raytracing (150 Frames)

From 0.0 To 0.0 All This

☑ Shadows
☑ Transparency
☑ Reflections
☑ Smooth
☑ Textures
☑ Bump
☑ Fog
☑ Multitasking
☐ Blank screen
☐ Only active object

X-Resolution: 800
Y-Resolution: 600
Render depth: 3
Voxel level: 6
Antialiasing: 2

Test picture
Medium picture
Full picture
Output...
Start calculation OK Cancel

Output

Screen output
☑ Screen Mode... ☑ Mix ☑ Compressed
☐ Save Name

24 bit output
☑ Save Name: MAIN Render
☑ Compressed

OK Cancel

Raytracing algorithm (best picture quality)

▲ **Here the rendering settings are being modified for Raytrace mode. The output can be spooled to a 24-bit file, bitmapped Amiga file and rendered directly to the screen all in one go.**

CINEMA 4D £199.99

A500
A500+
A600
A1200
A1500
A2000
A3000
A4000

system requirements:
OS 2.x and 2MB of RAM. OS 3.x recommended. More memory and a faster CPU a definite advantage.

ease of use......................92%
The most intuitive rendering package I have ever seen. The 300-odd page manual is extremely well laid out.

performance 89%
Very good but lacking some of the features of the even cheaper Imagine.

value for money..............94%
Still, a steal considering the inclusion of Castillian conversion.

OVERALL
The ideal hobbyist 3D rendering package.
92%

nder
speed.
eration
is
s is

ficient
used.
gram
of *Real*
ssive
e scan-
r are
s. When
d, it's
pletely
point it
vay it
ings
rlier.
saves
n carry
the
wing its
d.
nitely my
ckage on
ideal for
ive
tions

199.99

x recom-
faster CPU a

92%
package I
page manual

89%
f the
Imagine.

94%
inclusion of

2%

---

17 BIT Software

Est 1988.

POSTAGE INFORMATION
Please include 50p Postage For
UK Disk Orders And 75p Per
Item For CD Orders
(Max Postage Payable £1.50) Europe Add 10%
For Disk Orders & £1.00 Per CD (Max. £5.00)
R.O.W Add 20% For Disk Orders
& £1.50 Per CD (Max. £6.00)
All Orders Sent 1st Class Or Air.

1st Floor Offices, 2/8 Market Street
Wakefield, West Yorkshire WF1 1DH
TEL (01924) 366982 FAX (01924) 200943
Monday To Saturday 9.00am Till 5.30pm
Answerphone At All Other Times

£1.00 PER DISK

PUBLIC DOMAIN SOFTWARE

PLEASE NOTE ONLY A FRACTION OF THE DISKS WE STOCK ARE LISTED ON THIS ADVERT.
FOR A COMPLETE LIST OF THE 5000+ DISKS WE STOCK ASK FOR A FREE CATALOGUE

3886 (AB) BATTLE OF BRITAIN
A brief history of the battle
3885 MESSYSID V3.0
Latest PC/AMIGA file transfer
3884 BOUNCER
Licenceware Game Demo
X3883 VOYAGER CARDSET
X3882 BABYLON 5 CARDSET
X3881 CLAUDIA SCHIFFER CARDSET
Cardsets for klondike AGA
3880 SUPER ELF SQUAD
Platform game
3879 ZXAM V2.0
Latest Speccy Emulator
X3878 BLITRIS
AGA Tetris game
3877 WAC SPECIAL DISK MAG
Amos users disk mag
3876 SUPER SKIDDY THINGS 3
Super Skidmarks Ripoff
X3875 (AB) SILENTS DEMO
"Fruit Kitchen" HD only AGA demo
X3874 (AB) ZIF DEMO
AGA HD Only Demo
X3873 (AB) FANATIC 'HATE 2' DEMO
Superb AGA HD only demo
X3872 (AB) EMBASSY 'THRILLED'
Another AGA HD only demo
X3871 C42 DEMO
Nive AGA demo
3860 SHAPESHIFTER V3.0B
Apple Mac Emulator (Needs ROM)
3869 LOTTERY PRO & UTILS
Play games to get numbers
X3868 "A GALLERY"
Superb Artwork! Hand Drawn
3867 ZX FILES
Speccy EM users disk mag
3866 STEREOPTICON
For making true RDS pics & Anims
3865 DOWNLOADER
26 fonts for 24 pin printers
3864 NOTEBOOK
Flexible all purpose organiser
3863 DARK ANGEL
Flashback Clone
3862 ORGANISER BITS
Extras for Digitas organiser
3861 THIRD DIMENSION NO. 16
3D Cons Kit Disk Mag
3860 ANTZ
Simulated Ant Warfare
3859 EASYCALC V2.0b
Superb Spreadsheet program
X3858 TRAP EM DEMO
Platform game
3857 INSTSLL 3
Prep & Install WB on A200's
3856 TERM V4.4 EXTRA LIBS & LOCALE
3855 TERM V4.4 030 VERSION & DOCS
3854 TERM V4.4 000 VERSION & DOCS
Latest release of popular comms S/W
3853 WORDS V2.3
Dictionary for Gold ED
3852 (AB) GOLDED V3.13 (HD REQ)
Superb text editor
3851 SCION V4.07
Geneology Database
3850 MASTERBLASTER V2.1
Dynablaster Clone
3849 DATATYPES DISK
Every Dataype known to man!
3848 NO SAMPLER UTILS NO.4
No sampler? You need this disk!
X3847 NOSTROMO CHEATS V5.0
Superb upto date cheat disk
3846 (AB) DEVELOP & PRINT
3845 (AB) THE PORTRAIT
3844 (AB) CAMERAS & ACCESSORIES
Tutorials for photographs
3842 DCAT
Disk Cataloguing util
3842 MORTAL KUMQUAT 3
No guesses what this is
X3841 STRANGE! CARDSET
For all klondikes
X3840 BEAVIS CARDSET
For klondike 1,2 & 3
X3839 MANGA MANIACS
Another klondike cardset
3838 GALLEONS
2 Player 3D shootem game
3837(AB) ACT OF WAR HELPER
Tips, Maps & loads of help
3836 (AB) BLACK DAWN 5
A new beginning . Superb!
3835 REMDATE V2.0
Address book, Diary, Reminder etc
3834 KIDS DISK 7
More fun for the kids
3833 HD GAMES INSTALLERS NO. 4
Installs all the latest games
X3832 (ABCD) PICTURE BOOK
Superb new AGA demo
X3831 (ABC) AMAZED DEMO
Stunning demo by vanity
X3830 TENEBRA DEMO
Another very nice AGA demo
X3829 ARTCORE SLIDESHOW
Excellent slideshow from Scoopex
3828 (AB) SURFING THE JAZZ WAVE
Very nice Jazz music disk
3827 MAGIC WORKBENCH PACK 12
Backdrops & startup pix
X3826 STAR WARS GALAXY
Another klondike cardset
X3825 THE MASK CARDSET
Suitable for all klondikes
3824 RED DWARF QUIZ NO.2
Updated quiz by Fubar
3823 (AB) PAGESTREAM PATCH 'H'
Latest available patch disk
X3822 EXCELLENT CARD GAMES III
Restricted version for demos
3821 DOPUS UTILS 2
More directory opus utils
3820 IMAGEDESK V1.6
Thumbnail pic cat maker!
3819 PHOTOGENICS V1.2
Useable demo version
3818 DOPUS 5 PATCH
Patched V5.5 to V5.11
3817 THIRD DIMENSION 15
Latest Mag for all 3D con kit users
X3816 DEVILS ABODE
3D virtual reality game
3815 WORDSEARCH DESIGNER
Update to earlier version
3814 ENLOCK V.14
HD password system
3813 MR GREEDY
Childrens story book
3812 GARFIELD 1
Short Garfield Animation
3811 FEARS
One level preview. Like Doom
3810 BREAKIN BRICKS AGA
Bat & Ball game for AGA machines
3809 SUPER DMS V2.0
Windowed version. Updated
X3808 PAM ANDERSON CARDSET
For all klondikes
3807 NFA THE WORD NO.6
Scene disk mag
3806 TRANSITON
Image conversion prog
3805 ZXAM V2.0
Superb speccy emulator
3804 MENUS & MORE V3.20
Menu systems for HD's
3803 DUCK DODGERS
Platform game. Great!
3802 SAUCE N CODE NO.1
Amos related source code etc.
3801 BOOKIE BEATER
Predicts results of ANY sport!
3800 CODE NAME NANO
Thrust type game clone
3799 SUPER LOTTERY
Still havnt won yet
X3798 HELLRAISER CARDSET
For all klondikes
3797 PCTASK V3.0 PATCH
Patched to v3.10
3796 OCTAMED V6.0
Demo version
3795 (AB) IMAGESTUDIO V2.10
Superb GFX Conversion prog.
X3794 (AB) MALEDICTION
3D texture mapped adventure
3793 BEGINNERS TYPING TUTOR
Basic typing tution
3792 SCOUT (MUI REQUIRED)
Tool to monitor computer
3791 GEMZ
Great Puzzle game!
3790 TURBOSUITE V3.1
Disk cataloguing sys. Demo
3789 (AB) SKIDMARKS 2 CARS
New cars for skidmarks 2
3788 DELUXE PACMAN V1.6
ECS version. Superb!
X3787 DELUXE PACMAN AGA V1.6
AGA version! Excellent
3786 EGG SCRAMBLE
Mad, Mad game!
3785 DOS MAN
Intensive Dos Tutorial
3784 MULTITUDINOUS
HD menu system
3783 THIRD DIMENSION NO.14
3D Cons Kit Disk Mag
3782 ACT OF WAR MISSIONS 3
Requires registered game
X3781 STARTUP & BACKDROPS
Pictures for workbench 3
3780 (AB) ROM NO. 4
Scene Disk Mag
X3779 MOMENTS
Great AGA demo
3778 SANITY ROOTS II
Superb sequel
3777 HD GAMES INSTALLER 3
Installs dozens of new titles
3776 BLITZ BLANKER V2.60
Required MUI
X3775 FIREMAN SAM
Klondike cardset
3774 (AB) MWB BACKDROPS
Based on Startrek
3773 LEGIONS OF DAWN
F1 game demo 2 meg req.
3772 MOSAIX V1.3b
Latest 'Websurfer
X3771 WALLACE & GROMIT
Klondike cardset
X3770 ROSIE & JIM CARDSET
For klondike AGA
3769 (AB) SHAREWORLD NO.4
Cybercrafts disk mag
3766 XFILES GUIDE
Xfiles serial guide

NETSURFER
All you need to surf The Internet Highways with ease.
The 6 disks include AmiTCP, Mosaic, GuiFTP, Grapevine, EFF's Guide to The Internet.

MANY MORE CD'S & PD DISKS IN STOCK!
CALL FOR SPECIFIC REQUIREMENTS!

MAGIC OBLIVION
Transform your otherwise bland Workbench with this superb pack of 10 disks. New Icons, Fonts and Drops etc!
All for £9.99!

HOME APPLICATIONS
Loads of the more popular Home Utils are included in this 10 disk set! Accounts, Organisers, Address Books, You Name IT.
All for £9.99

NOSTALGIA ALERT!
Speccy Sensations 2 & C64 Sensations CD's are in stock NOW!
£19.99 each!

THE
FINAL FRONTIER
ISSUE 8 NOW IN STOCK
£6.95

CD ROM PRICE MATCH
WE WILL DO OUR BEST TO MATCH OR EVEN BEAT ANY CD ADVERTISED ELSEWHERE.
ALL ORDERS SENT
SAME DAY 1st CLASS POST

AMIGA CD SOFTWARE

NEW!
17 BIT 5TH DIMENSION £19.99
Long awaited sequel to the Phase 4 contains disks from 3352 to 38701

NEW!
LSD COMPENDIUM 3 £19.99
Games, Demos, Utils, Source Code, Text Files, Artwork etc. 95% new to CD

ZOOM CD £19.99
Ground Zero & Active Software's own PD library release. Tons of new stuff

NEW!
ADULT SENSATION 2 £19.99
More 'Interesting' pictures with a few sound samples & games to boot!

AMINET SET 1 £24.99
Includes entire contents of Aminet 1 to 4, plus 220 MB of NEW DATA!

MULTIMEDIA TOOLKIT 2 £22.99
Images, fonts, samples & mods from the M.U.G, Octamed 5.04 & MORE!

MEETING PEARLS 2 £9.99
650MB of PD from around the Globe! Contains demos, anims, mods etc

NEW!
DA CAPO £24.99
Over 1400 of the best available mods, 2000 samples and Octamed!

POWER GAMES £14.99
A collection of over 500 superb PD games for any CD Rom platform

AMINET 7 £14.99
Latest Aminet release, this one has a heavy focus on multimedia images.

AMOS PD RELEASE 2 £19.99
Release 2 is an UPDATE to the Amos CD, containing more of the AMos lib

GROLIER 2 £26.99
The entire Academic American encyclopedia on CD! UPDATED!

NEW!
ARCADE CLASSICS £14.99
Includes around 500 variations of ALL the most classic arcade games.

RAYTRACE £19.99
This OFFICIAL POV-Ray CD includes source, utils & tips for AMIGA & PC!

NEW!
GATEWAY £9.99
NetBSD 1.0 UNIX O/S For Amiga! Go Netsurfing with the supplied tools

SOUND LIBRARY & GFX WORKSHOP £19.99
MIDI, Mods, WAV Files & dozens of sound players & utils for Amiga & PC!

SOFTWARE2000

ALL OUR PD DISKS ARE

99P

We stock over 6500 QUALITY PD & SHAREWARE

PLEASE SEND YOUR ORDER TO EITHER OF THESE DISTRIBUTORS
YOUR ORDER WILL BE SAME DAY DESPATCH VIA FIRST CLASS POST

SOFTWARE 2000
Dept (CUD5)
48 NEMESIA
AMINGTON
TAMWORTH
B77 4EL
ENGLAND
TEL: 01827 68496

SOFTWARE 2000
Dept (CUD5)
9 WILLS STREET
LOZELLS
BIRMINGHAM
B19 1PP
TEL: 0374 678068

How to order

To order any disk just write the disk title and the disk code, EG U01 Agene. Some title have a number in ( ) this means the title comes on (x) number of disks. To order PACK just write down the pack TITLE name will do.

ALL DISKS ARE COMPATIBLE WITH ALL AMIGAS UNLESS STATED
AGA Disk means for A1200/A4000 only

Price.................99p per disk

Please add 70p to total for postage & packaging

Pack price as stated. All Orders Same Day Despatches
For the very latest catalogue disk please add 70p

MAKE CHEQUE/POSTAL ORDER PAYABLE TO: SOFTWARE 2000 SEND TO (ADDRESSES TOP RIGHT)

NO MINIMUM ORDER

OVERSEAS POST & PACKAGE RATE
(Europe add 25p per disk for P&P)
(Worldwide add 50p per disk P&P)

TEL OR FAX: 01827-68496

- ☆ WE ALSO STOCK ASSASIN GAME DISK 1-220 FRED-FISH 1-1000, LSD DOC 1-50, LSD-LEGAL TOOL 1-150, FONTS, CG, FONTS COLOUR & MONO CLIP-ART, DTP, ETC & MANY MORE
- ☆ PHONE IF YOU DON'T SEE THE TITLE LISTED, WE MAY STOCK IT.
- ☆ FAST DELIVERY TIME - SAME DAY DESPATCHES

SOFTWARE2000
FREE DISK
Buy 10+ disks & choose any 1 extra disk FREE, OFFER with this token

10 TOP QUALITY BLANK DISKS & LABELS ONLY £5.50
PRICE INCLUDES POSTAGE & PACKING

music

M001 BEASTY BOYS-We Want Some Pussy songs
M002 MICHAEL JACKSON-song BAD
M003 DO THE BART MAN
M005 100 C64 TUNES (not A1200)
M006 BAT-DANCE REMIXED
M017 GUNS & ROSES - YOU'RE CRAZY.
M018 THE XMAS SONG (disk) very funny
M025 MONEY FOR NOTHING-DIRE STRAITS HIT song
M027 BLUES HOUSE (2 disks)
M084 C64 GAMES MUSIC
M115 MAHONEY & KAKTUS 2 - 40 tunes compilation
M125 ADAMS FAMILY
M147 BANGLES - Walk Like An Egyptian
M150 TIFFANNY I Think We're Alone Now
M171 MADONNA - (Like a Virgin)
M173 JANET JACKSON - RHYTHM NATION
M177 PET SHOP BOYS
M184 SAM FOX - (PLEASE ME)
M186 MADONNA - (RESCUE ME)
M188 JOE Le TAXI
M189 MICHAEL JACKSON (SMOOTH CRIMINAL)
M194 JESUS ON E'S (2 disks)
M205 RAVE - more Rave
M262 A TO Z OF C64 GAMES MUSIC (4) brilliant
M314 DICK TRACY (madonna) (2)
M335 STAR TREK & STAR TREK NEXT GENERATION (2)

PRINTER MANAGER

U427 PRINTER-STUDIO excellent print results
U599 PRINTER TOOL - includes typewriter, spooler etc
U792 PRINT LABELS print disk labels/banners
U793 STAR PRINTER STUDIO - for all star printers
U794 SEIKOS STUDIO - For all Seiko printer more specific printer driver for the above printer
U733 PANASONIC STUDIO - 9 & 24 pin printer driver & util
U734 CANON PRINTER STUDIO(not A500 (1.3)
U735 PRINTER STAR 24/300 FONT DESIGNER - shareware
U782 CITIZEN PRINTER MANAGER for all Citizen printer owners containing many useful printer utils & drivers
U884 CANNON PRINTER STUDIO for all models for use with cannon printers
U757 150+ PRINTER DRIVERS largest collection

VIDEO TITLER/TOOLS

U181 VIDEO NOTE database for your video collection
U431 VIDEO APPLICATION (2 disks) many video titler prog
U250 VIDEO TOOL (3) loads of video utils. Recommended
U964 TELESUBTITLE - new video titler
U965 VIDEO MAXE V4.33 The latest in video
U352 DESKTOP VIDEO 1 & 2 (best video titler tool) catalogueing system, Dozens of functions
U671 TELE TITLE 2 - Great new VIDEOS titler
U513 VIDEO TITLER (2 disks) more VIDEO TITLER-BEST
U920 TELESCROLL 2 (not WB1.3) Easy to use Video titler loads of features
U821 WEDDING VIDEO ANIM (2 disks) Requires D.Paint 3/4 Very high quality
U922 CAPTION MACHINE excellent video titler
U923 VIDEO MANAGER (not A500 1.3) Video Catalogueing system
U925 VIDEO TITLER - very good video titler

TOP VARIOUS UTILITIES

U024 D-LOCKS protect your disks & files
U027 ULTRAPAINT & SURF paint & 3D model program
U029 CAN DO programming language
U046 DARKSTAR no.2 (vol 2-5) loads of utils
U058 DISK MAG CREATOR create a disk magazine
U117 NORTH C compiler (2) brill programming language
U122 SID 1.6 copy/delete/move file made very easy
U131 TETRA COPY play tetris while copying disk, great
U135 MOST USED UTILITIES (2) very useful util collection
U145 XCOPY PROFESSIONAL very powerful disk copier
U146 C-MANUAL 2 (4) Teaches you how to program in C
U169 PAINT AND ANIMATE still the best
U170 BIORHYTHMS V4.01 display your own biorhythms
U184 MASTER SEKA V1.6 complete Assembler language
U186 UNLIMITED DISK CREATOR all tools are on here
U187 M COMPUTER AID DESIGN - Was commercial product
U188 SHOWBIZ Slide show maker 24+ wipe effect
U191 SID II copy/delete/move/run file using a mouse
U220 AMOS/PAINT V good paint package, lots of features
U222 GRAPHICS UTILITY (3) lot of graphic converter tools
U226 50+ MOST USE UTIL loads of very useful utils
U229 SLIDE SHOW CONSTRUCTION KIT easy to make
U240 ARCHIVER TOOLS lots of crunchers
U242 IMPLODER 4.0 dis file compressor. Excellent
U243 The A-T COPIER (not WB3) 13 disk copier
U254 FRACTAL UTIL loads of fractal programs, brill
U282 LAND BUILDER create realistic landscapes
U284 COPY & CRACK TOOLS back up your software
U300 MESSY SID II read/write PC/MAC etc files
U301 AUTO DISK LOGGER catalogue your disk
U321 GRAPHIC Util 1 (3) loads of brill graphic utils
U324 GRAPHIC util 2 (3) even more graphic tools
U333 SCENERY MAKER more landscape generators
U334 EMULATOR COLLECTION II (lots of emulators)
U335 FREE COPY back up commercial games
U337 MODEL 3D Brilliant 3D object designer
U338 MULTI VISION (2) disk/files utilities
U340 HACKER-TOOLS many ripper tools
U350 POOL TOOL - predict horses with the best chance
U351 RACE RATER Similar to above, but both
U358 STAR CAT 2 - create catalogue disk, easy
U359 SEEK211 find lost files on floppy & hard drive
U360 R.P.G (2) adventure creator
U363 DISK REPAIR KIT salvage & repair damaged disks
U372 WORLD SORT process ASCII files
U377 NCOMM III more modem software + packer util
U380 UNICOPY fantastic disk copier
U399 FRANSCAPE V1.2 new fractal similar to VISTA
U400 SOUND TRACKER V2.6 music maker
U420 SPEED BENCH (not WB1.3) create auto boot WB
U425 NIB 2 very popular copier
U436 THE RIPPER COLLECTION (not WB3) many ripper progs
U442 SYSINFO test & print info on your Amiga sys
U444 FONT FARM font creator/editor/design new fonts
U457 WHOM 2 (3 DISKS) Detail/database on 51 films
U470 FINAL FRONTIER 1 (2 disks) Star-Trek magazine
U473 FINAL FRONTIER 3 (4 disks) Star Trek magazine
U480 HARD DISK CLICK Hard drive menu system
U490 B-TEC UTIL Amazing pack with 207 utilities
U491 PHOTRACKER V3 Best music writer program
U492 WORK STATION (2 disks WB1.3 only) WB replacement
U495 HARD DISK UTIL brill collection of Hard Disk util
U496 EASY PRINT (A500 only) lots of printing utils
U498 WORK MATE 15 brilliant disk utils compilation
U501 THE MUSIC CONSTRUCTION KIT (state Amiga owned)
U504 HOT STUFF more util disk compilations
U505 VIRUS KILLER & DISK RESALVGE / REPAIR KIT
U507 DCOPY V3 PROFESSIONAL Excellent disk copier
U509 ULT BOOT BLOCK 40+ bootblock generator/maker
U510 ULTIMATE BOOTBLOCK Collection II + more
U512 ZIRCON UTIL 30 MOST USEFUL UTIL 2, brilliant
U515 WIT COMPETE UTIL 20 most used utils
U521 SPECTRA PAINT III eval to DPaint
U550 SCENERY CONSTRUCTION KIT FRACTAL, recommend
U551 ASSASSIN BOOT BLOCK over 50 bootlock protector
U555 CROSSWORD CREATOR (not WB3) crossword maker
U561 PERM CHECK a full POOL PREDICTION program
U568 ICON CONSTRUCTION KIT icon making program
U569 ICON ready made (4 disks)
U590 600 NUMERIC PAD EMULATOR (A600 only)
U591 DEGRADER (not WB1.3) A500 emulator
U592 KILL AGA make older programs run on A1200
U600 C64 EMULATOR II util & document
U601 DISKSALV II + ABACKUP (not WB1.3)
U603 THE CHEAT COMPENDIUM for over 450 games
U620 HOW TO CODE IN C (2 disks) + many examples
U622 ACTION REPLAY V1.5 cartridge on disk
U623 ACTION REPLAY V4 (A1200 ONLY) same as above
U645 PC EMULATOR V2.31 (WB3 only) SVGA PC emulator
U650 COPY & CRACK TOOL 2 more powerful copy programs
U680 NEW SUPER VIRUS KILLER (not WB3) kill 315+ viruses
U689 FORCASTER V2 horse racing prediction program
U690 ASSASSIN COPIER (lots) includes Xcopy/Xdcopy etc
U694 SUPER DUPER 3 (NOT WB1.3) + fast disk copier
U696 AMITOOL PROFESSIONAL disk database tool
U699 MEGACHEAT V3 + even more game cheats
U700 ANIMATION CONSTRUCTION KIT V1.2 + good
U702 V MORPH V2 create smooth morph animation
U703 POOL TOOLS 2(Latest) predicts horse racing
U705 TRONI-CAD best creative circuit board and examples
U707 GAME TAMER (3&4) - (2) Even more games cheats
U708 LAST WILL AND TESTAMENT write your will
U710 PERFECT PAINT 32 very easy to use paint packages
U714 ENGINEERS KIT various test kits for Amigas
U718 MAGNUM 1.9 REGARD the best disk magazines creator
U721 FONT FARM V3+ loads of fonts + font viewer
U723 EXOTIC RIPPER rates as the best sound/graphics ripper
U724 PARNET SET UP (2) requires for the connection
U725 PARNET CABLE MAKER INSTRUCTION project save £££
U726 AREX MANUAL (not WB1.3) complete manual. Highly rec
U728 ASSASSIN BOOT UTIL 60 boot block creator utility
U730 SOFT AGA (A500 plus or A600) & min 1.5 meg
U731 A-Z GAMES CHEAT for over 500 games
U732 MINI MORPHS create TERMINATOR 2 effect
U736 AWARD MAKER II + hundreds of ready made, brilliant
U737 ASSASSIN CRUNCH & COPY TOOL (WB1.3 only)
U738 S.KICK PROFESSIONAL V3.2 Various versions of K-Start
U739 TURBO IMPLODER V3.1 powerful disk cruncher
U740 CROSS DOS 5.1 plus read/write PC<->AMIGA disk
U741 HD-DISK TOOL BOX + many more disk util recommend
U742 HOW TO CREATE AUTOBOOT DISK complete + util
U743 UTIL. Disk Maker v3. MAKE AUTO DISK
U744 FRACTAL MANIA + BIOMORPH Brilliant Collection
U745 AF WORKBENCH (WB1.3 ONLY) replacement
U746 3D GARDEN DESIGNER can view from any angle brill
U747 ASTRONOMY V2 predict star planet prediction
U748 ILLUSIONS DRAWING program like Dpaint
U749 DISK REPAIR 3 (floppy & HD) include soft-protect
U750 MUSIC CATALOGUE (not A500 1.3) very easy to use
U751 SYSTEM CHECKER TOOL must for any amiga owner
U753 HARD DRIVE UTIL + lot more Hard drive util
U754 PARBENCH installer (complete)
U755 PRO CAD electronic latest circuit board designer
U758 WB MENU LAUNCHER menu system, easy to use
U760 ICON PLUS (3 DISKS) Hundreds of stunning ICONS
U761 RELOCKIT 1.4 latest WB1.3 emulator
U762 FAKE FAST MEMORY make older software run
U777 TELETEXT RECEIVER Project. Highly recommended
U781 DOSTRACE V2 display information why some program refuse to run. Also monitor Amiga activity RECOMMENDED
U783 POOL WINNER GOLD must for all gamblers
U789 HARD DISK MEMORY V2 use HD as memory (re MMU)
U790 WINDOW BENCH V2 (WB 2/3) 2 disk new workbench replacement, include lots of useful utilities
U791 COMPUTER DIAGNOSTIC TEST V9 Amiga complete system tester
U800 PRINT A CARD include many ready made
U801 MULTI-PRINT V4 lot of printing util
U805 DISK PRINT print custom disk lables
U807 FONT & PRINT Load of utilities to view & print your font collection. RECOMMED
U830 POOL WIZARD -(football) prediction
U832 DIVENDEND WINNER - Prediction rogrameme for use with LITTLE WOOD, VERMON, ZETTER Ect
U834 FORCASTER 2.02 New Horse prediction Prog
U839 AUDIO MAGIC 4-Proctracker V3,Exotic ripper
U843 AUDIO MAGIC 6- Octamed player ect
U846 C64 emulator V3 (2DISK) C64 emulator/latest
U848 SPECTRUM EMULATOR V2- Spectrum emulator latest
U850 EAGLE PLAYER (2disk) the best music player.
U851 DELI-TRACKER (2disk) play all music format.
U881 SONIC DRUM KIT V2 Make drum sample
U882 DISK COPY Pack- collection of 10 disk copier
U883 OPTI-Utils 1-over 30 disk copier/Optimise ect
U885 INTUTION BENCH MARK V6.5 (Not Wb1.3) sysinfo
U886 COMPLETE WB UTIL (2DISK) very useful Util col
U887 DISK REPAIR KIT 4-Include disk repair, undelete,softprodect, disk mate, sysinfo,ect
U950 STEREO-SCOPIC V2.a (not A500/1.3) This is the RAMDOM DOT STEREOGRAM generater.
U951 FORTH PROGRAMMING (NOT WB 1.3)
U957 SCALA BACKGROUND (2disk) High quality image
U960 PROGRAME LOADER-New HardDisk menu
U961 MAGAZINE E 3(2disk)-science fiction magazine
U963 AMOS & AMOS PRO COMMAND EXTENSION
U967 PRO-GAMBLE-Super Horse prediction programme.
U978 DELUXE PAINT 4 BUDDY SYSTEM-(2) Get the most out deluxe Paint instan on line for evry fuction
U981 VIRUS CHECKER V6.54 ~AUTO UPDATE MONTHLY~ U982 DIRECTORY OPUS V4 add Extra Command/BUTTON
U983 MAGIC WB & MAGIC MENU ,Both Latest version
U986 VIRUS-WORKSHOP V5.1 the best Virus killer
U987 GRAPHIC-CONVERTER (2D) Convert picture ect
U988 TURBOCAT Auto catalogue your disk library
U989 AUTOBOOT DISK MAKER V4 -very useful
U993 IMAGINE STUDIO V2 (2D) The best PD image(picture) processor available rival even thecommercial costing hundres of pound. (not k1.3)
U969 POWER-CACHES Speed up disk loading,Accesses
U970 HARDDRIVE SECURITY II Large collection of HDsecurity programe eg Lockout2,Password & many more
U971 HARD-DISK & FLOPPY DISK DOUBLER (Epu) not WB1.3
U973 CHEAT FOR 800 + GAMES, LEVEL CODE V3.3 (2)
U974 HD GAMES INSTALLER 2 install tops games to HD.EG.ZOOL2, Rise Of the robot,Mortal Combat2 & more
U975 DMS V2.04 Pro. Crunch entire disk. (not1.3)
U976 MAGIC SLECTOR V1.4-Change Magic WB back drop
U977 MAGICWB ICON ARCHIVE (3) 1000's of MGwb icons
U998 X-PASSWORD-prodect your hard/floppy drive
U979 ICON ACHRIVE(3) 1000's of normal icon(any Amiga)
U994 TEXTURE STUDIO. Render Various Texture/for use with Imagine 3 ect req FPU (not 1.3)
U995 PRO-GAMBLES V2. must for all gamblers.
U996 BOOKIE BEATER- gambling programe to win bookie
U997 HD GAME INSTALLER 3. Install more game to HD
U998 EXOCTIC RIPPER V3.0 Latest ripper
U999 HD MEMORY (new collection) require MMU
U1000 MAGIC OPUS VOL 2 & 3 (2D) more Dopus button
U1001 CAR DATA ANALYST-check your car performance
U1002 TURBO CAT-(WB 2&3 only) catalogue creator
U1003 LOTTORY WINNER V2-new version
U1005 BASIC-ELECTRONIC-Teach all about eletronic
U1006 LOTTO LUNACY V2 Update latest lottery predictor
U1007 ALL NEW HARD-DISK & FLOPPY DISK TOOL 2 (2)
U1008 HARD-WARE PROJECT 2 (2) Build dozen ofproject even how to fit Amigas in a tower case
U1009 DATA ALERT 3-explain why your computer crash
U1010 WB2.04 INSTALLER-install A500+/A600 to HD

STAR-TREK MANIA

IF YOU LIKE QUALITY STAR TREK RAY-TRACE ANIM, THEN THIS PACK IS FOR YOU. 5 DISKS OF STUNNING STAR TREK ANIMATIONS. BETTER THAN HOLODECK SERIES.
COMPLETE STAR TREK MANIA

STAR-TREK
MANIA

STAR TREK & STARTREKING

One of the most complete startrek shows ever includes 100's of pictures from the original and NG series, Must for all star-trek fans
6 disk set only £5.95 runs on all Amigas

Printer Pack

5 disk pack with all the latest printing programs specially designed for printing out high quality documents, text & pictures ect. and it is even able to print out A5 Booklets (ver handy). Easy to use.

A must for any Amiga owner with printer

Printer Pack (5 disks) only £4.99

WORKBENCH EXTRA UTILITIES

Collection of the best WB utilities like Tool/Deamon, Snoopdos V3, lost file finder, Memory monitor, Latest virus killer, Wb Disk Copier etc. much too many to list. All on 2 disks only £1.98 (not WB1.3) RECOMMENDED

AMOS

This is the largest collection of Amos hints, tips, graphic, procedures, routines, subroutines, graphics, utilities, sprite, Scrollars routines, library & some of the top games & utilities source code, This pack will help you write more quality, compack & much faster programme

10 DISK PACK £10.90 compatible with all Amos & Amos pro

GAMES

G222 MEGA 21 GAMES amazing 21 games
G235 DRAGON-CAVE brillant 3D puzzle games
G240 QUADRIX very addict excellent
G242 TAKE EM OUT like to Operation wolf
G253 DESTINE MOON BASE Arcade conversion
G272 TANK BATTLE 2 player tank battle game
G278 ARCADIA the best ARKNOID clone
G300 Q-BOID cross TETRIX and INVADERS.
G303 DIMENSION X 2 player LIGHT CYCLE GAME
G310 NEBULAR Excellent 3D shoot em up
G316 GALACTIC Excellent 8 levels arcade
G317 HYPER-BALL Speed ball +level editor
G320 GHOST-SHIP Very good 3D adventure
G325 BATTLEMENT hunch back of notche
G326 MEGA GAME COLLECTIONS III 3 top games
G329 MADONNA NUDE PUZZLES for 18+ only
G331 GRAVITY massive space exploring game
G333 CYBER-NETIC Brillant 8 way blaster
G334 DONKEY KONG -(A1200 order code AGA296)
G335 CRAZY SUE II- best platform to date
G342 SUPER SKODA CHALLENGE (& track editors)
G344 STAR-TREK similar to RAID2 but harder
G355 DOODY very cute & extremely addict
G356 WONDER LAND amazing graphic recommed
G362 DELUXE PACMAN + best pacman ever release
G367 CARD GAMES collection
G368 WIZARD-DOMAINS-dugeon type games
G370 KALATRIZ (notA1200) arcade tetriz clone
G373 AIR ACE II Very playable shoot em up
G384 OTHELLO best PD version
G386 MOUSE IMPOSSIBLE very addictive puzzle
G390 TETREN most polish Tetriz ever release
G392 STRIKEBALL brillant base ball clone
G399 TRAILBLAZER brillant (not A1200)
G400 FIGHTING WARRIOR like street fighter
G404 DOMINOES only one of it kind on PD
G406 TOTAL WARS -strategy like chess in space
G411 BATTLE CAR 2- 3D car racing
G431 NESTER CARD GAME- hours of fun for a quit.
G435 ROULETE american roulete excellent
G438 TRAILBLAZER 2 C64 conversion
G441 E-TYPE 2- very good asteroid great graphic
G443 OLEMPIAD DISK (2D) Olympic sport events
G445 DESCENDER GAME tank, search & desender
G446 OBLIDOX excellent Arcade/Puzzle game
G448 PARACHUTE JOUST quite playable
G455 CASTLE OF DOOM VG graphic adventure.
G460 WIBBLE WORLD GIDDY Large platform game
G467 CASH FRUIT- good fruit machines
G478 AMOS CRICKET cricket games
G488 EXTREAM VILONCE 2 player battle out
G489 ENGIMA MACHINE very challenging puzzle
G490 MEGA BALL 2 very playable break out clone
G491 BOUNCE & BLAST brillant platform 10/10
G492 ZOMBIES & DEFENDER 2 fantastic games
G494 MERCANERY SIMULATION 3D wars games
G499 LIFE -simulation very interesting
G500 TRANSPLANT dozen of level fast arcade.
G501 KLAWZ THE KAT-great platform games
G511 HIGHWAY HELL like SPY HUNTER on the C64
G531 OPERATION FIRESTORMS-brillant
G534 CASTLE KUMQUAT similar to Alien breed
G535 BLACK DAWN brillant graphic adventure
G538 MORIA 5.4 The latest Dungeon & dragon
G539 BRIDGE Good version of bridges
G540 ORK ATTACK bloody adventure
G541 REBOUNCE 2 player futuristic breakout
G542 ROAD TO HELL brillant car racing
G544 SUPERTOM CAT New vertical shoot em up.
G545 KUNGFU CHARLIES mix with platform brill.
G546 RAID 4 latest vertical scroll shoot em up
G546 QUIZMASTER very good quiz programe
G552 ELEVATION games base on lift ??
G560 IMPERIAL WALKER -Base on STAR WAR games
G567 STARBASE 13 (2D) Brill like MONKEY ISLAND
G657 AMOS LOADSA MONEY best FRUIT-MACHINES
G659 MR MEN OLYMPIC (2D) many event to complete
G660 4 L.C.D DREAM 4 small hand held gamesG
664 NEIGHBOUR GAMES (2D) base on the TV series
G665 TIME RUNNER (WB2/3) Brillant graphic
G667 GOLF (2DISK) One of the first & decent GOLF
G668 AMOS CRICKET 2 New Amos cricket simulator
G669 MUGSY REVENGE gangster graphic adventure
G672 JIGSAW (2DISK) very playable jigsaw games
G673 BOBBY GARDEN + DIGGER (NEW) Brillant
G674 HIGH OCTANE Fast car racing (notwb1.3)
G675 TIME RUNNER amazing graphic adventure
G680 SPACE-INVASION 2 - Fantastic Galaxain
G681 AUTOMOBILES - PD version of SKID MARK brill
G682 BANDIT MANIA - Brillant fruit machine demo
G685 PROJECT BUZZ BAR -Brillant asteroid
G689 GUN FIGHT (not A500(1.3)
G690 THE REAL POPEYE 64 (a500 1.3 only)
G692 SYSTEM DEFEND-Brillant Defender clone
G696 AMIGA-BOY-Game boy emulaor + tetriz
G732 DETHELL IN SPACE. Recommed.
G735 OVERLANDER Brillant arcade MOON ALERT
G737 SERIOUS BACKGAMMON The best in PD BG
G771 STAR WOID (2 Disk) brillant Thrust
G772 UN-SENSIBLE SOCCER very similar toSensible socc- car games. RECOMMEND
G773 FRUIT MANIA -Brillant Fruit machine.
G774 TRICKLE TREAT -like DOOM on the PC
G775 FOOT-BALL MANAGER-new version
G782 SOLO ASSAULT 3D like Wing Commander
G783 SEED OF DARKNESS-Brillant graphic advan
G784 NANO FLY Superb explore game RECOMMEND
G785 THE GREAT GOLD RAID- very addicted
G787 ANT WAR V1.9 (LATEST) not 1.3
G788 ZENO-MORPH -Great grahic
G789 TASK FORCE very good MIND SHADOW clone
G790 GREEN FIVE Amazing 3D graphic like
G791 PROFFESIONAL BINGO CALLER
G792 MARTIAL SPRIT like Street fighter II
G798 6 EXCELLENT CARD GAMES collection
G809 BLITZ 2 fast action shooting games
G810 EXIT 13 Brillant puzzle
G811 TEMPORAL MISPLACEMENT-graphic adventure
G812 ADAY AT THE RACE-V.Goodhorse racing games
G820 BOULDER ORIGINAL with 80 level
G821 BOULDERDASH cave/level Construction kit
G822 BOULDER COLLECTION 2/3 160 level (2disk)
G839 BOULDER PACK with 640 level on 8 disk
G860 ALIEN NET WORK-new Spacing invader
G862 BATTLE FORCE excellent text adventure
G863 GNU CHESS the best chess with 10 level
G866 SWORD OF YIGG Graphic adventure
G867 POWER-TETRIZ for 1 or 2 player
G868 SUPER SMASHING TETRIZ
G870 CHESS II & CHECKER One of the best around must for all CHESS or CHECKER player
G871 GRAVITY FORCE 2 1 or 2 player thrust clone
G872 SCHNEBITZ Commercial quality puzzle games
G875 DELEXE GALA v2.3(new) add new feature &bouns gamme + 2 player RECOMMEND, get it now
G876 THE KRILLIAN INCENDENT like ELITE2/Epic
G878 QUANTUM-Maze colect & escape type games
G879 RAG TO RICHES - like MONOPLY
G884 WIPE OUT-mindless blasting games
G885 GODZILLA Another shootem up
G886 SUPER MEGA FRUIT- All new Fruit Machine
G888 DRIVING MANIAC 3D (fill vector like/nd500) car racing- very fast. RECOMMEND
G889 PLANET FALL - Luner Lander clone
G891 BUCK TOOTH ADVENTURE Very good multilevel shoot/collect em up RECOMMEND
G892 PENGO 2- Maze type games. Recommend
G893 SUPER OBLITERATION Blast asteroid verysimilar to PANG 2 lot of weapon RECOMMEND
G894 SUPER INVASION II -New SPACING INVADER
G897 THE SHEPERD Brillant POPULUS clone. REC
G898 ALIEN GENOCIDE (2) Shoot aliens set in space.
G899 PUCKMAN. One of the better PacMan arround.
G900 SUPER-BATTLE ZONE 3D (not WB1.3)
G901 M*A*S*H a (ANTWAR 2) play very similar toLEMMING & WORM, with load of Weapon (Brillant)
G904 LAST SOLDIER (2) multilevel platform games
G905 CBBERTECH (2) exclent ALIEN BREED Clone
G906 HANGMAN any one for a game?
G907 ACE SPACE nice Platform games
G908 COLOURMANIA slide/Klastz type puzzle games
G910 HARRY-HADDOCK- Brillant platformer games
G912 MANGLE FENDER -Brillant, Smash up othercar/tank ect to win. extremly addicted. get it
G913 ARCADE GAMES CLASSIC Vol 1 & 2 (2d)
G914 HELICOPTER-play like Desert strike
G915 COW WARS. Very addicted 2 player games
G916 ISLAND -Play like Monoply.
G919 COP THE LOT Pro Latest Lottery preditor
G920 LOTTERY PROFFESIONAL This version use
G921 MONOPLY. (board games) The best version
G922 JET WILLY 3 - excellent platform games
G923 FLAMMING ENGINE-Superb car racing
G924 POWER MACHINES. Grahicaly brillant shoot
G925 SUCIDE-MACHINE Operation wolf style
G926 ZAXXON 3D Superb C64 3D blaster games
G927 BOING V3. Great platformer, recommend
G928 PUNTER-Animate horse racing games
G929 ARCADE JIGSAW (2d) include LION KING
G930 WHEEL CHAIR GLADITOR-Very fun to play
G931 NIMBLE-Brillant New arcade puzzle.
G933 BLACK DAWN 3- THE NEW BEGINNING (2) Superb 3D adventure. RECOMMEND
G934 R3 ROCKET (NEW)very good rockets games
G935 BATTLE SHIP- the finest PD version
G936 LAST LAP - Fast car racing

101 GAMES

PRICE ONLY £9.99

Brillant collection of over 100 of the very best of PD games includes INVADER 2, Tetris, Monopoly etc Much too many to list. Very easy to use menu system Most games come with full playing instructions
MUST FOR ANY GAME PLAYER
COMPATIBLE WITH ALL AMIGAS
All games are selectable from an easy to use menu & most games come with full playing instructions

101 GAMES 2

PRICE ONLY £10.99

This is the very latest all new 101 games compilation pack 2 containing some of the very best in PD games like Zeus, Wonderland, Dragonflies etc. Much too many to list
COMPATIBLE WITH ALL AMIGAS
All games are selectable from an easy to use menu & most games come with full playing instructions

NEW
101 GAMES PK 3

new 101 pack 3 contains over 100 games. run on all Amigas only £11.99 offer buy any 2 pack together & recieve a free £4 token for use with next order "this offer cannot be used with any other offer current & subject to condition apply

GAME HINTS & CHEATS II

Play your favourite game for ages? but can't get to the end of the level or game? Having problem with some games? 5 disk pack with 1000's of games cheats/help/level code action replay poke etc should help you finish many games suitable for all Amiga only £4.95 Update & release on 29 July 95

EDUCATION

E001 KID PAINTS superb paint special for kids
E002 COLOUR IT brillant computer colouring book
E003 TREASURE SEARCH find the hidden treasure.
E004 LEARN & PLAY I(not A1200)many maths & games
E005 LEARN & PLAY II more education programes
E006 SPANISH TRANSLATOR Spanish<-> English
E008 MR MEN (WB1.3only) brillant story adventure
E009 ASTROMY tutorial on solar/star ect system
E010 SIMON & SPACE MATHS maths & simon games

E011 EDUCATION PACK 1

packed with dozen of education programs ranging from maths, science to educational games recommend suitable for any Amiga. 5 disk pack only £4.95

E011 EDUCATION PACK (5 Disk) pack with lot of ed program ranging from maths to games recommend
E019 DINOSAURS teach you all about Dinasaour
E020 WORLD DATABASE require (2+meg)
E021 STORY LAND II interact puzzle games rec
E022 LANGUAGE TUTOR teach you 4 language
E023 TALKING COLOURING BOOK talking Dpaint bril
E024 EASY SPELL II improve your kid spelling
E025 SCHRABBLE require 2-4player brillant
E026 WORDS can help you solve the crossword
E027 OSWALD Very colourful large cartoon game
E030 EVOLUTION breed your own hybrid
E031 IQ TEST + IQ GAMES pack 1 excellent
E033 TYPING TUDOR very good typing tudor
E035 CHESS HELPER help/teach how to play

EDUCATION & 21 GAMES pack

Collection of the very best of education program & a 21 games pack. a very popular combination for kids. (run on all Amigas) 5 disk pack only £4.95

E036 BASIC TUDOR learn about Amiga basic Prog
E038 AMIGA TUTORIAL 7 part tutorial
E039 COMPUTER CARE how to care about AMIGA
E040 GUIDE TO LOWER BACK PAIN tutorial the spine & how to avoid back pain. (recommend)
E041 KID ALPHABET display all alphabet letter
E042 FRACTION & SILOUEST maths & games excellent
E043 MATH MASTER teach/test you more on maths
E044 STEAM ENGINE V2 graphic & tutorial
E045 PETROL ENGINE tutorial & animate graphic
E046 GAS TURBINE ENGINE tutorla & anim graphic
E047 STIRLING ENGINE. tutorial & anim graphic
E050 DREAM FOR ANGEL explain the meaning of dream
E051 INVISIBLE WORLD brillant recommend
E052 FISH TANK turn your amiga into a FISHTANK
E054 DEMOLITION MISSION simple game for kid
E055 WORD POWER solve crossword puzzle ect good.
E056 WORM HOLE simple game ideal for children.
E057 APPLE CATCHER catch falling apple brillant
E058 CROSS MAZE & CRYPTOKING 2 excellent kid games
E059 VERB QUIZ find the word & it related. Brill
E061 KING JAMES BIBLE (4d) complete bibles excel
E066 TARROT clairvoyant in a instance
E068 GALLOW fancy a games of hang man?
E070 MATH DRILLS teach all basic math skill Vgood
E071 ERROR INFO give info why your amiga crash
E075 WORLD-WAR 2 graphics tutorial on WORLD-WAR releate program eg simulate Starprobe/ molecube/ ect
E076 SCIENCE an excellent collection of science ideal for all who interesting or studies in science recommend. this pack come on 4 disks
E080 KIDPRIX great children paint programme.
E081 ASTROMY PACK- This is a mazing collection of programe relate to astromy, can help to locate certain or star position ect. must for anyone who studies astromy or hobby. great (4DISK)
E073 PICTURE & LETTER learn to reads- first step
E074 AMIGA BEGINER GUIDE tutorial on Amigas
E085 NODDY PLAYTIME demo >Very good
E080 KID PIX more excellent paint programes
E081 D.T.P FOR KID easy to use, excellent
E092 SING A RYHMES sing a song
E094 HIGH WAY CODE TUTOR question on highway code
E096 READ & LEARN (2D) THREE LITTLE PIGGY Story
E097 BACK TO SKOOL vol 1 collection of the best
E098 BACK TO SKOOL vol 2 in education programe
E099 BACK TO SKOOL vol 3 & games. RECOMMED
E100 LITTLE TRAVELER information on world wide
E101 WORLD GEOGRAPHY world with map & text.
E103 DISCOVERY OF THE ATOM. tutorial on the Atom (2D)
E104 DESK TOP GUIDE TO MUSIC(3D) guide & tutorial
E107 TRUMPTY FIREWORK ALPHABET Very entertaining way to teach your child the ALPHABET
E108 HOW TO DELOVOPE PHOTO 1 (2) Excellent
E109 MR MEN OLYMPIC (2D) many event to complete
E110 CULT TV DATABASE (2D) Info on early TV series
E112 HOW TO DELOVOPE PHOTO 2 (2) delevope your own.
E115 ELETRONIC WORLDS(3D) Complete KJames BIBLES
E116 HOW THE EARTH BEGAN-theory how the BIG BANG explode and create all the star & galaxy
E118 WORKBENCH 2 tutorial on Work Bench 2
E119 DINO WAR Quiz on dinosaurs
E120 JUNIOR MATHS Great learning aid for teach kid on the math subjects, RECOMMEND
E121 PICTURE PUZZLE brillant JIGSAW type games
E122 WORD FACTORY Brillant, teach kid words

KID DISKS 1,2,3,4,5

Excellent collection of education programs ideal for teaching kids various subjects while retaining the fun & game element. 5 disk only £4.99 or order separately for only 99p per disk. Order Code KID DISK & no 1-5

E123 KID DISK 1- Brillant education pack E124 KID DISK 2- more education programe
E129 KID DISK 3 (DTP). Drawing program for kid
E142 KID DISK 5 & 6 - 2 disk full of brillant games
E125 JURASSIC PARK lots of info on dinosaurs
E126 CHILDREN SONG 2 contain 5 excellent song
E127 MING SHU (A500 only)Brill Chinese Astrology
E128 ASTRO 22 PRO.V3-The latest astrology program that accurate calculate the position of the planet, eclipse, zodiac position ect. Recommend
E130 FRENCH VERB TESTER should help you with french.
E131 CULT TV DATA BASE II (2 DISK) info on early TV
E132 WORLD HISTORY BOOK
E133 LITTLE TRAVELLER II (2) Information on world wide
E134 X-FILES-Guide to the TV series very interesting
E148 CHESS & TUTOR - FULLteach you how to play chess
E150 INTERNET-FULL guide to internet & superhighway
E161 CLI & SHELL TUTOR (help). Ideal for beginner.
E162 DELUXE PAINT GRAPHIC TUTOR V 3 & 4 RECOMMEND
E163 JAPANESE - teach you the japanese language
E164 PAINT IT (not A500/1.3) latest COLOURING BOOK
E165 KEY BOARD TRAINER An excellent typing tutor.
E166 WORD POWER- spellcheck/crossword solver/teach
E168 CROSSWORD CREATOR-design crossword
E169 CHESS II & TUTOR brillant Chess II games
E170 HISTORY OF AVIATION Vol 1 Excellent disk
E171 CHILD FAVOURITE-Education prog
E172 ANIMAL LAND-Learn about animal
E175 FRANTIC GUIDE TO COMPUTER (2D) brillant & funny
E177 CYBER PUNK 2 for cyberPunk freak only
E178 STAR-TREK & STARTREK NEXT GERENATION GUIDE (9) must for startrek fan contained 100s of picture from the startrek SERIES. 2
E181 SIGNATURE CREATOR customise your own signature.
E182 VIRUS WORKSHOP V4 comprehensive guide
E184 IMAGINES VIDEO 2disk
E185 WORKBENCH 2/3 GUIDE On line help/Complete
E210 LEARN & PLAY 3 Latest Education & Games
E240 BARNEY THE BEAR GOES CAMPING (2d) Brillent teach your child about animal
E241 COMMS GUIDE V1.1 beginner modem user
E242 GUIDE TO WEATHER (3d) superd com[plete guide to the weather, recommend
E245 MATH ATTACK- Maths relate games for kids
E242 ANIMAL-LAND-Ideal for young kid. Excel
E243 PICTURE-MATHS-Maths program for kids
E246 BEGINER GUIDE TO WB 3 (A1200 only)
E247 GLOBE FACT(2) fact about planet earth
E248 KID ONLY 6 excellent game to play with
E250 SANTA -Help santa collect present games
E251 BIRSTHDAY HISTORY V2.2-
E252 BAR-TENDER-recipt for 1000 drink/cocktail
E253 BEGINNER TYPING TUTOR

NEW
EDUCATION 21 GAMES pack **2**
Latest education pack & new 21 games collection (5 disk packs) only £4.95

WE ALSO STOCK THE ENTIRE COLLECTION OF LSD TOOLS 1-150 SCOPE 1-220 FRED FISH 1-1000 LSD DOCS 1-46 ASSASSIN GAMES 1-200 ETC

100 TOP DEMOS

The Largest collection of demos ever released this pack contains over 100 top demos, Must for all Demos. Our top seller .... RECOMMEND

Only £7.95 suitable for any AMIGAS

Special Packs

ONLY £4.99 PER PACK

ALL PACKS SUITABLE FOR ANY AMIGA SYSTEM

Board Games Pack 1 (5 disks)
Brilliant collection of the best board games eg. SCRABBLE (new), Monopoly, Chess, Dice, Dominoes, Clue ect Much too many to list

Arcade Games Pack 2 (5 disks)
Collection of the very best classic arcade games EG.centipede Space Invader, Pacman, ect & many more. RECOMMEND.

Card Games Pack 3 (5 disks)
Carefully pick the finest card games like Poker, Spade, Bridge, Blackjack, Pontoon, Solitare, Klondike ect & many more

Puzzle Games Pack 4 (5 disks)
5 disk pack with quality puzzle games like Simon, Rubik Cube PuzzWord, Picture Puzzle & many more. Much too many to list

Mini Workbench Games (5 disks)
One of the most interesting packs. 5 disks crammed full of unique tiny but perfect replica games, a bit like playing on the Game Boy. It can be extreamly fun to play a tiny game likes Pacman, Tetriz ect. RECOMMEND

COMMODORE 64 V3

This is the best very latest and still the best C64 amu for the Amiga. It fully emulate the C64 computer so you can play all the top C64 games, eg. JetPac, Rambo, Batman, AirWolf and many more on your Amiga. You can also even write any programme in C64 basic etc. Just like owning a real C64 computer.

All our C64 pack
- *pack come on AMIGA disks*
- *play directly on any Amiga*
- *printed loading instruction*
- *print games list (essential)*
- *COMPATIBLE WITH ANY AMIGA*

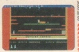
C64 V3 & Games Pack

C64 & 45 original games...£ 4.99
C64 & 100 original games...£ 8.99
C64 & 200 original games...£16.99

Note: All games have been fully tested and listed. Our existing 45 game pack which previous advert been replaced by this new 45 games.

ZX SPECTRUM 48K V2+

With any Spetrcum pack, it is possible to play all the original Spectrum games. Beside play games you can write your own programme in Spectrum basic. Just like owning a real Spectrum computer.



All game pack come on Amiga disks ands run on any Amiga. Full printed loading instruction are included. Compatible with all Amiga. Special AGA version also included. All Spectrum pack contains different games.

SPECTRUM & GAMES PACK

SPECTRUM & 50 GAMES PK1 ONLY £4.99
SPECTRUM & 100 GAMES PK2 ONLY £7.99
SPECTRUM & 200 GAMES PK3 ONLY £12.99

SPECIAL OFFER PACK 4

Take SPECTRUM pack 1, 2, 3 & extra 50 new games FREE. Total 400 games for only £19.99

NEW New just release ZX SPECTRUM V1.6b & 1.6b AGA ran much faster can be add to any Spectrum pack for only 50p extra. For any Amiga except ks 1.3.

Special offer

C64 & 45 games pack
Spectrum V2 & 50 games
Vic20 & 30 games

All 3 packs for only £9.99

SEE LEFT FOR DESCRIPTION

1000 SPECTRUM GAMES PACK

come on very large number of disks twice more games than the SPECTRUM GAMES CD. Spectrum V2 emulator included hurry order now limited pack available only £39.99

C64 V3 PK4

Special offer C64 v3 and 45, 100, 200 games pack with extra 55 C64 games making 400 C64 games & utilities disk come on very number of disk + games list & loading leaflet. Only £24.99

see C64 or Spectrum advert box for more detail

AGA A1200 & A4000 ONLY

THIS LISTING ARE FOR USE WITH AGA AMIGA

AGA001 EXTENSION DEMO Stunning demo, fast landscape anim and a rotating city, regard the best AGA demo
AGA002 FRACTAL GENERATOR fractal in 256 colour.
AGA003 WORKBENCH HACK many hack/toy/blanker ect
AGA006 NEW SUPER KILLER know kmow & kill over316 type of virus must for all A1200 owner
AGA007 MINDWARP very first demo for the A1200
AGA008 KLONDIKE DELUXE AGA (3D) the best A1200 cardgames with glamours lady as cards face 18 + only
AGA011 SLEEPLESS NIGHT 3
AGA012 PLANET GROOVE Truly A1200 Demos
AGA013 MOTOR INVADER 2 (2D) Brillant INVADER game
AGA015 POINT OF SCALE Great A1200 only demos
AGA016 CHROMAS- Fairly good demo.
AGA017 WORLD OF MANGA (4DISK) magnificent Japanesecomic slide show include Japanes Chick ect recommend
AGA021 MAGIC WORKBENCH Improve the look of your WB& add some function to your WB really BRILLIANT
AGA022 WB 3 UTILITIES load of Wb 3 only utilities
AGA023 U-CHESS the best chess program games sofar but require 4 megbytes. Brillant graphic
AGA024 WORKBENCH 3 SCREEN Great back drop
AGA41 ADULT SLIDE Vol 1-9 (2 disk each) *see below
AGA62 BODY SHOP VOL 1-7 (2 disk each) *see below
AGA80 FITCHICK vol 1-3(2disk each) *see belowto order any disk above just state disk code &volume no? (remember 2 disk per volume)

DEGRADER

AGA090 A1200 FIX DISK COLLECTION 1
AGA091 A1200 FIX DISK 2 COLLECTION 2
AGA094 RELOCKIT V1.4a latest. run A500 SOFTWARE
AGA306 A1200 FIX DISK VOL 3 (new july 95)
All disk above are design to make any old A500-A600 Amiga programe/games ect to run on your A1200/A4000 MUST FOR ALL AGA AMIGA OWNER. RECOMMEND

AGA097 A1200 UTIL - AGA TESTER, SYSINFO ect
AGA098 ACTION REPLAY V4 Complete ACTION REPLAY.
AGA099 MADFIGHTER 2 brillant street fighter clone
AGA100 AGA BLITZ SCREEN BLANKER
AGA101 FAST GIFF 2 display GIFF pic in Workbench.
AGA102 AGA DIAGNOSTIC - NEW system tester
AGA103 BLACK BOARD AGA decent Image processor
AGA105 QUICK GRAB AGA -grab AGA screen PICTUREA-
GA110 WORLD BEYONDS 1 (3) stunning 256 COLOUR fantasy art, leave atari userbreathless
AGA114 SMELL LIKE CHANEL NO5 brillant demoray trace picture ever release on the A1200
AGA121 MAGIC FACTORY 1 STAR TREK (5 disk)
AGA133 AGA UTIL v1&2 (2) AGA util compilation
AGA135 AGA UTIL V3 &4 (2) more of above
AGA137 MULTIBOOT- 4 various version A500 EMU
AGA138 OFFICIAL WORKBENCH 3 HARDDRIVE INSTALLER
AGA139 WB3 HARDDISK PREF & INSTALLER installing
AGA140 CROSS DOS PLUS v5.1 read/write PC files
AGA142 SUPER LEAGUE 3 -latest manager games
AGA144 SPEAK & SPELL - educational software for kid
AGA145 BIG TOPS (18 + only)HMMmm
AGA146 KELOG LAND -brillant platform games
AGA150 ACTION REPLAY V5 - NEW UP DATE TO V4
AGA160 GIGER TRIZ very playable 256 colour tetriz
AGA162 FATAL-BLOW new STREET-FIGHTER 2 clone
AGA164 CINDY CRAWFORD Vol1 (2 disk) latest release
AGA166 INFESTATION (3 disk) The ultimated AGA demo
AGA170 CINDY CRAWFORD Vol II (2disk) amazing
AGA172 VIDEO TRACKER AGA-ultimate demo maker
AGA174 MAGIC WB EXTRA vol 1 & 2 (2disk)
AGA180 GIF BEAUTIES Vol (11-18) 8 more girls disk
AGA189 FRIDAY AT 8 another brillant AGA demos
AGA190 ASSASIN MULTIVISION AGA pic viewing util
AGA192 ALIEN FRENZE 2 player blasting +power up
AGA194 BIG TIME SENSUAL (2disk) SPACE BALL 2
AGA200 MASQUERADE 2disk brillant puzzle games.
AGA202 RAM JAM 94 it cat be done (2disk)
AGA203 EXPLIXIT 2 DEMO new effect welldone.
AGA204 COMPLEX ORIGIN 2disk require 2 diskdrive
AGA206 TREASURE OF TUTANKHAMUN- éductaion tool
AGA230 LOVE 2 disk-simply brillant DEMOS
AGA231 AGA UTIL 7 & 8 (2 disk) More USEFUL util
AGA234 KNOTTY-Stunning AGA sliding pictre puzzles
AGA240 LOTTERY WINNER hope fully will improveyour chance of winning a jack pot. GOOD-LUCK
AGA241-258 AGA GAME-GALORE AGA 01-18 lot of games
AGA251 PACKMAN AGA -the best pacman yet
AGA252 ROCKET PD - Super thrust clonebrillant graphic for 1 or 2 player
AGA253 REAL DEMO stunning special effect
AGA254 DIRT AGA Brillant 256 colour effect.
AGA255 DELIGHT EXPLORE excllent demo
AGA256 KEFEREN AGA Demo lot of effect
AGA257 MINOMIST RAVE great rave music.
AGA258 OXYGENE Fantastic demo
AGA259 INTEL-OUT another very good demo
AGA260 SOMEJUSTIC94 Demo of the monthbrillant whirl effect. RECOMMEND
AGA262 TO THE DEATH very good STREET-FIGHTER clone with very good graphic.
AGA263 GEORGE GALAXO (2disk) brillantmultilevel shoot/platform game. RECOMMEDN
AGA265 MISSILE OVER ZENON (2disk) Brillant3D missile commander with fantastic graphic
AGA266 TEAM-HOI DINO PLATFORM excellent dinoplatform Note:this disk was a commercial games
AGA274 MUSIC 2 SURVIVE 2disk 8 excellentmusic master piece. well worth getting
AGA271 RAVE MAXIMUM OVERDRIVE II (2disk)
AGA278 CHANNEL Z ISSUE 1 (AGA) (2disk)
AGA base disk magazines. RECOMMENDAGA disk magazine topic demo/music
AGA285 WORKBENCH BACKDROP VOL 3
AGA295 DE-LUXE MONOPOLY- Board game.V addicted
AGA296 DONKEY KONG Arcade classic conversion
AGA297 BOMB PAC Extreamly good to play
AGA298 ROCKET 2 set deep underground brillantgraphic. even better with 2 player
AGA299 SCRABBLE-Now fully run on all Amiga
AGA300 MAGIC WB V2. Demo of version 2
AGA302 TUTANKHAM II(2) Education-Egyptian MUMMY
AGA303 PAMLA ANDERSON (2) 18+ only BayWatch Babe
AGA304 BODYSHOP V8 (3) more bikini beauties
AGA305 TIMEZONE (2) V.Good graphic adventures.
AGA307 DENTAWOLF dooms demo
AGA308 NAXIS -Really show what AGA graphic co do
AGA310 FEARS (2d)- dooms clone demo
AGA312 JINX (2d) Fantastic arcade puzzle
AGA313 RAM JAM THE TASTE DEMO.very wicket demo.
AGA315 ILEX MYSTIC. New AGA demos
AGA320 KLONDIKE 3 (4disk) Hd require & 2meg+we aslo have a list of 25 cards for above.
AGA321 HOT-BABE 1 (2) MUST BE OVER
AGA322 HOT-BABE 2 (2) 18
AGA323 HOT-BABE 3 (2) BEFORE
AGA324 HOT-BABE 4 (2) ORDER ANY
AGA325 HOT-BABE 5 (2) OF THE HOT-BABE PACK
Hundred of quality Magic wb icon & back drop
AGA388 DESK-TOP MAGIC- 32 animated screen blanker
AGA389 WAR OF THE WORLDS -full 3D games
AGA390 FEAR 2. Brillant 3D graphic games like
AGA391 PSSST Amiga version of Spectrum games
AGA392 CHILD MURDER(4)Horror graphic adventure
AGA390 FEAR II -Brillant 3D game play just likeDOOM on the PC Garrenteed you impress.
AGA393 PC EMULATOR V3- Latest PC emulator
AGA400 HYPER RACE (2) Super racing games
AGA410 CINDY CLAWFORD (3) new
AGA411 ELLE MACPHERSON (3)
AGA412 CLAUDIA SCHIFFER (3)
AGA413 BIG GIRLS II (3)
AGA414 GIRLS GIRLS (2)
AGA415 NIKY TAYLOR (2)
AGA417 KYLIE MINOUGE (3)
AGA418 FEMALE BODY BUILDER (3)
AGA419 EXCELLENT CARD GAMES 3 latest
AGA420 POKER & BLACK JACK DELUXE (3)4MEG
AGA421 COLOUR WB make your WB more colourful
AGA422 RIDGE RACER Demo on the Amiga,
AGA423 DRUG STORE DEMOS (2disk)
AGA424 DREAM WALKER (2) Demos
AGA425 MYSTIC DEMOS(2) 95 excellent demos
AGA426 ORIGIN 2 (2 DISK), Amazing

← SEE PAGE 1 FOR MORE SOFTWARE FOR YOUR AMIGA

AVAILABLE NOW

SOFTWARE 2000
Over 1965 disks
2 CD's Pack with almost 2000 disks. Compile from the SOFTWARE2000 PD library
2 CD SET VOLUME 1

This is the Big one! Nearly 2000 original disks from the SOFTWARE2000 library included on a Double CD set. For title list just take a look at this Doubles advert for example of titles & packs which can be found on this CD's. No lucky dip or unknown software. Full description on every disks/titles. Very easy to use menu system on both CD's This unique menus system lets you explore the contents of both CD's without disc swapping...., Excellent. see below

Below is a list of disks including...

294 VARIOUS UTILITIES DISKS,
252 ANIMATION DISKS,
181 AGA DISKS,
92 TOP SAMPLE AND FX DISKS,
118 EDUCATIONS DISK,
133 DEMOS,
225 MUSIC DISKS,
18 DEMOS (Adults only)
402 VARIOUS GAMES DISKS - With an estimate of around 1000 Amiga games,
50 LATEST MAGIC WB & BACKDROP (Versions of Magic WB for all Amiga models also includes)
100's of Imagine Obj, 600 Amiga fonts, 100's quality B&W & colour clip art & many more

ALSO INDLUDED ON THE CDS ARE

OVER 1000 & 700-1000

NEW Spectrum Games (Play direct from CD)
Never been released on any CD Rom

NEW C64 Games files (EMULATOR INCLUDED)

☑ Over 600MB per CD ☑ No duplicate of data ☑ Menu Compatible with all Amiga ☑ Very Easy to use Menu
☑ SUPER VALUE ☑ 2 CD

2 CD SET VOLUME 1

2 cd with over 1965 disks
RRP £44.99
ONLY £29.99
+ 70 for P&P

INTERESTING FACTS All above it buy on Floppy would cost over £2000... TRADE ENQUIRY WELCOME

new

UFO THE CLOSE ENCOUNTER

6 Disk pack with hundreds of real life document of UFO sighting, kidnaping ect. many so secret that only recent law made them available. This pack come on 6 disk and only cost £5.95 run on all Amiga.

UFO THE CLOSE ENCOUNTER II

Like above but with even more document on UFO, ALIEN etc. THIS PACK COME ON 4 DISK SET ONLY £3.96

U.F.O - THE UNKNOWN

Even more fascinating document 100s case of kidnaps, animals mutilation etc. some with actual Photo to back up the claim. Compatible with all Amiga. Request special AGA version if require -Full pack come on 9 disks only £8.99

BUSINESS SOFTWARE

U007	TEXT PLUS 2.2e easy to used word processor
U023	BANKING Home account program
U088	LABEL DESIGNER design your own labels
U087	CALY 1.2 Excellent Database prog. RECOMMENDED
U144	DESKTOP PUBLISHING The best PD DTP available
U128	BUSINESS CARD MAKER (not A1200) brillant
U160	600 B USINESS LETTER very handy. Get it now
U811	BUSINESS CARD MAKER – can Print in colour
U101	DATA BASE WORKSHOP (2) brilliant PACK
U121	SPREAD SHEET Very easy to used spreadsheet
U183	QUICK BASE Very powerful Database, Easy to use
U112	RIM DATABASE powerful database + full DOC
U195	AMIBASE – Professional II The best database yet
U227	TEXTRA Can edit several documents at once
U239	FLEXI BASE Small easy to operate database
U256	PENNY WISE very powerful database
U297	VISICALC Great database lots o functions
U356	TEXT-ENGINE V3.4 – full feature wordprocessor
U343	LITTLE OFFICE – database/wordprocessor/spreadsheet
U345	HOME BUSINESS JOURNAL – easy to use database
U357	BON APPETIT DATABASE many receipt
U364	HOME ACCOUNT – Account program
U368	AMICASH regarded as the best account prog. Excellent
U369	JOURNAL full feature account program
U385	LORAN NOTE BOOK database & world map
U390	DATA BASE compilation – best sell to date
U398	MORTGAGE CALC calculate mortgage repayment rate etc
U426	MONEY PROGRAM very good account program
U437	ACCOUNT MASTER V2.8 new account program
U630	HOUSE INVENTORY – ideal for home insurance
U659	ADDRESS PRINT V2.1 store & print addresses
U567	TEXT-PLUS V4.0 pro requires HD & 2meg
U681	TEXT ENGINES V4.1 latest 36,000 word spellchecker
U688	INVENTORY 2 details of home contents, for insurance
U712	EDWORD PROFESSIONAL truly the best wordprocessor
U722	EASYCAL + massive spreadsheet max 92583 cells
U756	PAY ADVICE ANALAZER – money prog.
U802	ADDRESS PRINTING print addresses on labels
U889	PAY ADVICE V3 account program
U810	LABEL MAKER – print labels etc. new
U900	THE MONEY PROGRAM – Accounts
U901	LOANS ACCOUNT
U954	ONFORM One of the best invoice makers
U959	ACCOUNT MASTER V2.2 (latest) program
	s up to 1000 entries per account

18 DEMOS

MUST BE OVER 18

X80 CINDY CRAWFORD (2)
X74 MADONA (SEX) (3)
X01 SHOWER GIRL
X03 BODY TALK (2)
X09 MARIE WHITTAKER
X24 SABRINA SPECIAL
X25 DIE FILKINGER
X26 MADONA EARLY DAY
X28 KATHY LLOYD
X30 MEGA-MAID
X31 CALENDER GIRL
X32 MAY FAIR
X33 UTOPIA (4 DISK)
X45 GIRLS OF SPORT
X49 PAGE 3 GIRL
X70 GON GON GIRL
X71 TINA SMALLhot
X91 CINDY CALENDAR 95
X96 HOT BABE 1
X97 HOT BABE 2
X98 HOT BABE 3
X99 HOT BABE 4
X100 HOT BABE 5
X101 BIG GIRL II
X102 FEMALE BODY BUILDER
X103 GIRLS GIRLS
X105 ELLE MACPHERSON
X106 CLAUDIA SCHIFIFER

NEW - MAGIC WB

(IMPROVE YOUR WORKBENCH BY 500%)
this new version of magic wb are fully compatible any amiga even the very basic amiga can now run magic wb. THE PICTURE IN THIS BOX IS AN EXAMPLE OF MAGIC WB

U995	Magic WB 1.3	.For any Amiga (WB1.3,-3.0)
AGA021	Magic WB AGA	.Special A1200 & 4000

EXTRA FOR USE WITH ABOVE

MAGIC WB EXTRA **vol 1-12 (2 disk per volume)**
TO ORDER ANY MAGIC WB EXTRA JUST WRITE MAGIC WB EXTRA & VOL REQUIRED

BACKDROP FOR USE WITH ABOVE
each disk pack with dozens of quality back drops for use with Magic WB
VARIOUS B-D 1 (4D)
VARIOUS B-D 2 (2D)
MANGA B-D 2 (2D)
SEXY BACK DROP (1D)
NEW AMIGA LOGO (1D)
MAGIC SCENERY (2D)

SPECIAL OFFER
Magic WB pack
Magic WB Vol 1-6 total (12) ..only £7
Magic WB Vol 7-12 total (12) ..only £8
Each pack above when unpacked will fill 12 disks full of Magic WB. just like above retail at £1.98 per volume
VERY EASY TO UNPACK

LITTLE OFFICE 2

New Release Includes
550 Business Letters
Word Processor
Calendar
Name & Address Database
All this for only £1.99
COMPATIBLE WITH ALL AMIGA

Harddrive & disk drive space doubler

Epu V1.6 this doubles the size of your HD or DISK Drive storage capacity. RECOMMEND
U971 EPU V1.6 SUITABLE FOR WB2/3 only .99p

MANGA AKIRA

MANGA-AKIRA

Brilliant pack of 6 disks containing some of the best MANGA AKIRA Games, Animations, Slidshows, Demos. All based on the Japanese MANGA. 6 disks only £5.95. Run on all AMIGAS

HARDWARE PROJECT III

Build dozens of project. Include an a accerate for an A500 for less than £15 install 3.5 HD in your A600 & A1200. Put your A500/A600/A1200 in a towercase for less than £30, Use 1.44 PC disk drive on your Amiga, Add an Pocket Modem to your Amiga & many many more this could save you £££..(not for beginner) ....3 disk pack only £5

WE ALSO STOCK THE ENTIRE COLLECTION OF LSD TOOLS 1-150 SCOPE 1-220 FRED FISH 1-1000 LSD DOCS 1-46 ASSASSIN GAMES 1-200 ETC

REPAIRS WHILE-U-WAIT!!

COMPUTERS AND MONITORS

That's a promise for computers!!

Attention Dealers

Ring/Fax Now for best trade prices and terms on Repairs, Spares, Floppy Drives, Hard Drives, CD Rom Drives and Memory Upgrades.

- FAST TURNAROUND
- 90 DAYS WARRANTY ON ALL REPAIRS!!
- £20 EXTRA CHARGE FOR WHILE-U-WAIT SERVICE
- COURIER CHARGES £6·00 + VAT EACH WAY
- A1500/A2000/A3000/A4000......£QUOTATION

NEW LOW FIXED PRICE

A500, A500+ & A600

£39·95

A1200

£49·95

2·5" HARD DRIVES

PRICE MATCH!!

For A600 & A1200

60Mb ....£69·95
340Mb.........£169·95
258Mb ....£129·95
510Mb.........£249·95

All hard drives are pre-formatted, partitioned with Workbench loaded and include 2·5" IDE cable and software

2·5" IDE Cable and Software......£9·95

3.5" Hard Drives

Call for best prices

MEMORY UPGRADES

A500	Upgrade to 1 Meg **£13·95**	Upgrade to 1 Meg with clock **£18·95**
A500+	Upgrade to 1·5 Meg **£14·95**	Upgrade to 2 Meg **£19·95**
A600	Upgrade to 2 Meg **£19·95**	Upgrade to 2 Meg with clock **£29·95**

A1200

0Mb	2Mb	4Mb	8Mb
£49·00	£109·00	£165·00	£279·00

33MHz FPU plus Crystal .... £39·95

GUARANTEED SAME DAY DESPATCH
(Subject to availability)

INTERNAL FLOPPY DRIVES

A500/A500+ .... £29·95
A600/A1200 ...£34·95

CHIPS ✤ SPARES ✤ ACCESSORIES

1 Meg Fatter Agnus	£19·00
2 Meg Fatter Agnus	£24·00
8362 Denise	£9·00
8373 Super Denise	£18·00
5719 Gary	£7·50
8520 CIA A500/A500+	£15·00
8364 Paula A500/A500+	£12·00
Kickstart ROM 1·3	£15·00
Kickstart ROM 2·04	£22·00
Kickstart ROM 2·05	£29·00
A500/A500+ Keyboard	£50·00
6570 Keyboard Chip	£20·00
6800 Processor	£8·00
Power Supply A500/A600/A1200	£30·00
A2000 Power Supply	£60·00
8520 CIA A600/A1200	£14·50
8374 Alice A1200	£30·00
8364 Paula A600/A1200	£16·50
Video DAC A1200	£19·00
A600/A1200 Keyboard	£60·00
Lisa A1200	£35·00
Gayle A600/A1200	£25·00
Budgie A1200	£30·00
Mouse (290dpi)	£15·00
SCART lead	£15·00
Mouse Mat	£4·00
10 Boxed Branded Disks	£6·00
Printer Cable	£6·00
100 Disk Box	£7·00
Squirrel SCSI Interface	£59·00

* All chips are available ex-stock
* Please call for any chip or spare not listed here

AMITAR

Including Squirrel SCSI Interface

CD ROM DRIVE QUAD SPEED

£249·95

Now Available

A1200 without hard drive ...£299·95
A1200 with 340Mb ....£449·95
A1200 with 510Mb ....£549·95

* Call for more good deals

ANALOGIC
ANALOGIC
ANALOGIC

Analogic Computers (UK) Ltd
Unit 6, Ashway Centre, Elm Crescent,
Kingston-upon-Thames, Surrey KT2 6HH

Open Mon-Fri 9·00am-6·30pm, Sat 9·00am-5·00pm
Tel: 0181 546 9575
Fax: 0181 541 4671

VISA

★ All prices include VAT ★ All prices subject to change without notice ★ Fixed charge for repair does not include disk drive/keyboard· ★ We reserve the right to refuse any repair ★ P&P charges £3·50 by Royal Mail or £6·00 + VAT for courier ★ Please allow 5 working days for cheque clearance

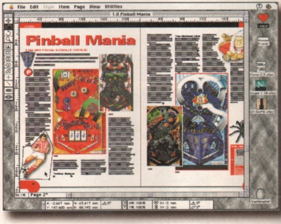
se
ers!!
CE
5
ves
es
4·95
IES
£14·50
£30·00
£16·50
£19·00
£60·00
£35·00
£25·00
£30·00
£15·00
£15·00
.£4·00
.£6·00
.£6·00
.£7·00
£59·00
9·95
als
75

Mac™ Emulation and ShapeShifter

■ Price: About £30.00 ■ Developer: Christian Bauer ■ Supplier: PD/Christian Bauer

AMIGA SUPERSTAR

A Macintosh for under £30? We find out if it's too good to be true by installing ShapeShifter on our Amigas.



▲ An early version of one of the games pages in this issue appears via Quark Express and ShapeShifter on the magazine's A4000. Much to the surprise of our Mac designers.

Macintosh™. The world famous 'user friendly' computer made by Silicon Valley based Apple Computer Corporation has both delighted and driven to tears users attempting to get to grips with its enigmatic system.

Enigmatic because it's the only computer in the world that professes to be idiot proof by design. In fact it keeps so much of its inner workings from you that it's difficult to make it do anything unless there's a big button on the keyboard or the box. It's intensely frustrating for a computing enthusiast, but because of its acceptance in the business and publishing world where these traits are valuable it has had some of the world's best software written for it.

A lot of this software has become the industry standard too. Software that is sadly lacking on the Amiga since the corporations that have developed it prefer to count sales in millions rather than thousands, or at least attach four figure prices.

Motorola

It's not all bad though. The Macintosh™ is the only other mainstream computing platform to use the Motorola 68000 CPU. That means that on the Amiga the chip instructions of a Macintosh™ program do not need be emulated in the same way as a PC emulator would have to when emulating the 'foreign' Intel 80x86 series CPUs. This concept isn't new. Amax and Emplant are two examples of Macintosh™ emulator solutions that set the pace. Both of these rely on hardware to read the Macintosh™ operating system from ROMs which must be purchased from Apple to keep on an even legal keel. However, it's long been suspected that there's no real need for any extra hardware at all.

Supercheap!

Causing a bit of a stir in the Amiga community, a German based programmer, Christian Bauer, released a demo version of *ShapeShifter* onto the public domain some time ago. *ShapeShifter* is a software only Macintosh™ emulator and one that's arguably even better than the hardware solutions. Some key features are disabled in the 'evaluation' version of *ShapeShifter* which can be got from various PD libraries and the Aminet. These can be unlocked with the addition of a special 'key-file' which can be purchased direct from Mr Bauer for the ridiculously low sum of US$40. And what sort of real Mac™ do you think you'd get for that sort of money? Try McDonalds..

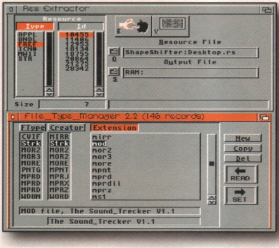
Whilst *ShapeShifter* doesn't have to emulate the CPU, it does have to intercept accesses to the Macintosh™'s hardware, then translate and redirect them to the Amiga's hardware. Put simply, this means that Macintosh™ programs sending and receiving data from the serial port will work nicely with the Amiga's serial port. And likewise through the parallel port.

However, there are some difficulties facing real Macintosh™ emulation, not least of which is emulating a machine that's essentially inferior to the Amiga (I say this with fear in my soul – Helen, our art, editor has threatened to hunt me down for blasphemy). One being that standard double density (DD) Macintosh™ floppy drives utilise a much older recording format than Amiga units. So old that it's not possible to read or write standard Mac 800K disks without the extra expense of a Macintosh drive and the *CrossMac* package.

Fortunately Apple saw the error of their ways and moved to the modern system for their high density (HD) drives. It's possible to format DD disks (which work

Welcome to Macintosh.

▲ The first signs of life on ShapeShifter. It worked well enough using the Amiga's built in graphics, but only in black and white. For proper colour with speed, a graphics board is needed.



APPL
BNDL
FREF
ICN#
MWII
STR

10455
11406
12953
18134
18755
20864
21275
28342

ShapeShifter:Desktop.rs

RAM:

Size 7

FType	Creator	Extension
CVIF	MIRR	mirr
Strk	Strk	mod
MOR2	MOR2	mor2
MOR3	MOR2	mor3
MORE	MORE	more
PNTG	MPNT	mpnt
MPRD	MPRJ	mprd
MPRD	MPRX	mprdil
MPRD	MPRZ	mprz
WDBN	WORD	ms1

MOD file, The Sound_Trecker V1.1

The Sound_Trecker V1.1

▲ Out of necessity Cross Mac comes with utilities to access the Macintosh™ file system's (HFS) data and resource forks which otherwise are transparent.

▲ Myst. Another reason for emulating. You shouldn't have any problem running Mac games.

out at about 720K) in *ShapeShifter* which the Macintosh can read. This won't help for the serious business of installing the Macintosh system software though: If you don't have a high density drive, and that's most of us I'm afraid, you're out of luck. You'll either have to either purchase a HD drive just for installing the system disks or resort to more drastic means which include using the DiskDup+ software on the Macintosh™ to turn the system disks into a file.

Fortunately the AmigaGuide documentation that comes with *ShapeShifter* clears up many of these pitfalls but it's worth noting that it's not a simple task.

Funky chunky

The next major difficulty is graphics. Like the PC, the Macintosh™ uses a 'chunky' pixel display. That means that all the information for one dot on the screen is contained in one single byte. On the Amiga this is held in several bytes. The down side of this is that when emulating a colour Macintosh™, *ShapeShifter* must convert the graphics standard onto the Amiga's native display which makes it too slow to use in real terms. However, in black and white mode the Amiga's display is chunky and so it runs at full speed.

For those Amiga users that are serious about emulating a Macintosh™, some kind of graphics board is pretty much essential. And this unfortunately means a big-box Amiga. Suddenly *ShapeShifter* emulates a colour Macintosh II with no performance drop. In fact we ran *ShapeShifter* on the office 4000/40 with a GVP EGS Spectrum graphics card and the result was astounding. It ran faster and more fluidly than most of the real Macintosh™ equipment in the office! Everything we tried ran on ShapeShifter with no hitches. *MacWrite Pro*, *PhotoShop*, *NetScape* and even the mighty *Quark Express*. The latter drew some attention around the office since *Quark* is used to produce just about every Newspaper and Magazine in the world including most of EMAP's regular Mac™ users were astounded when I clicked on a *ShapeShifter* icon on the Workbench, hit 'start' and suddenly the Amiga turned into a Macintosh™. But the key to their amazement was the fact that while the Amiga is happily emulating the Mac™ it's also multitasking in the background (unlike the Mac) with *ShapeShifter* being, in effect, just another screen.

Hard drives and hard files

The serious business of organising some storage space for *ShapeShifter* can be accomplished in one of three different ways. The simplest is to create something known as a 'FileDisk'. This is a virtual disk that is actually just one large file stored anywhere on your hard drive. This is handy because it means that you don't need to repartition your hard drive. The next method is to set aside a partition of your hard drive specifically for *ShapeShifter* to treat as its own. We used this

Cross Mac

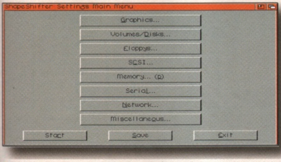
The Amiga comes with CrossDOS but what about CrossMAC? Let's find out if it's as essential:

Commodore licensed CrossDOS from Consultron to include in all Amigas which shipped with OS 2.1 and higher. A welcome move indeed, but given that the Amiga has more in common with the Macintosh™ than the PC, it's surely worth investigating the options if the need arises to read and write Macintosh or 'HFS' formatted disks.

However there is a major catch. Unlike double density PC or MS-DOS formatted disks, the Amiga's floppy drive just can't read, even with a special handler, DD Macintosh™ disks. The reason being that Apple used a different format for recording them which is fundamentally incompatible (they change rotation speed depending on the track being accessed).

Luckily, Mac™ high density drives do use the same format. So if you have a high density floppy drive and *Cross Mac* you'd be able to read and write Macintosh HFS formatted disks. The question is whether you need to. You can read and write MS-DOS formatted disks on both double and high density drives which the Mac™ can also read. The capability to do this comes free with the machine so if simple file sharing is the order of the day, it appears there's no need for *Cross Mac* at all. Likewise *ShapeShifter* comes with a Mac™-handler that allows the Amiga to access all the active Macintosh™ volumes. *ShapeShifter* can even format 720K 'Quasi-Mac' disks that will function fine in a real Mac™. So the usefulness of *Cross Mac* would seem to be severely limited.

What *Cross Mac* is good for though is accessing Macintosh™ hard drives without the need for running full Macintosh™ emulation. Possible uses could include accessing files on removable media such as a Zip or Syquest formatted on a Mac™. If this is what you need to do and running *ShapeShifter* is not an option, *Cross Mac* is the only way to do it and as such is essential. *Cross Mac* also comes with tools for salvaging files off corrupt Macintosh™ disks and a mode selector commodity that allows *Cross Mac* to be toggled between showing Macintosh™ resource or data forks or both. This is useful since Macintosh™ files are actually made up of two parts. One being the actual data and the other saying what kind of file the data is. For most of us though, *Cross Mac* isn't necessary, even if you do need to share data with a Macintosh™. Especially since its actually more expensive than emulating a real Macintosh™!



▲ When running ShapeShifter you can alter the various settings above to tailor it to your machine or needs. It is very flexible, but to get your Amiga running as a genuine colour Mac then you'll need a graphics board.

method and it became apparent that it ran no slower than any of the real Macs™.

Alternatively it's possible to emulate an entire SCSI hard drive by simply telling *ShapeShifter* the name of your SCSI driver (not suitable with IDE interfaces) and the unit of the drive. Users of *ShapeShifter* serious about Macintosh™ emulation may prefer to buy a completely new hard drive for such purposes. CD-ROM emulation is also carried out with the same level of ease. The Apple CD-300 can also be emulated so no special CD-ROM drivers are necessary on the Mac side.

How useful?

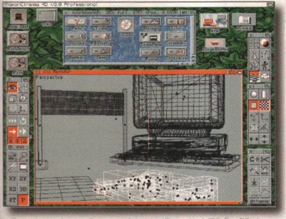
Ultimately, *ShapeShifter*'s usefulness depends on what you want to do with your new virtual Mac and what hardware you have. It's really only suitable if you already have some kind of Macintosh since you'll have to run some programs that come with *ShapeShifter* to capture your ROM Images. This is quite fiddly and it's worth noting that doing this on any machine other than your own is illegal as is running both *ShapeShifter* and the ROM donor simultaneously. Presuming this is the case then you'd need to either use PC formatted disks all the time or purchase a high density floppy drive.

However, you may actually find that you don't need to share data with another Macintosh™ via floppy disk at all. *MacTCP* functions very well with any Amiga network driver so networking to real Macs™ via Ethernet or the like is quite possible.

In the final analysis, yes, it's great, but unless what you want to achieve can be done in techno black and white then then a big-box Amiga with a graphics board is essential. If have the kit though and you need to run an Amiga and a Mac™ *ShapeShifter* is ideal.

Now, if only you could run all this software with a proper operating system like AmigaOS, I'd be very happy indeed! Anyway I'm off to play *Dark Forces*. ■

Mat Bettinson



▲ The big advantage of running a Mac™ on your Amiga is its ability to multitask. While ShapeShifter is running you could, using a key command, instantly switch back to your Amiga and Cinema 4D.

Where to get ShapeShifter

***ShapeShifter* is shareware. The so-called 'Evaluation' version resides in the Public Domain and so can be purchased from a PD Software house.**

Try: 17 bit Software, 1st Floor Offices, 2/8 Market Street, Wakefield, West Yorkshire WF1 1DH. 01924-366982. The disk to ask for is ShapeShifter 3.2a its code is 3903 and it costs £1.00 plus 50p postage and packing.

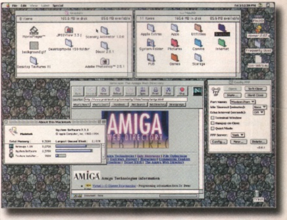
Those with Internet access can FTP it from any Aminet mirror in the misc/emu directory.

Finally to unlock the added features of *ShapeShifter* such as CD-ROM, SCSI and device-disk (Mac HD partitions) capability, *ShapeShifter* will have to be registered with the author, Christian Bauer. Methods of payment are:

- **50 German Deutch Marks or US$40 in cash or ...**
- **A Eurocheque over 50 German Deutch Marks or ...**
- **A Foreign cheque for over 60 German Deutch Marks or $50 US or ...**
- **A Postal Money Order over 50 German Deutch Marks.**

The address to send it to is: Christian Bauer, Langenaustr. 65, 56070 Koblenz, Germany.

Note: There's a ShapeShifter FAQ on this months cover CD. The full path is Aminet/docs/help/ssfaq09.lha.



CROSS MAC £89.95

A500 A500+ A600 A1200 A1500 A2000 A3000 A4000

system requirements:
Any Amiga.

ease of use.....................92%
Very easy to use. Manual is well written.

performance....................85%
It works if you need it. Some hard drive tools would have been nice.

value for money..............55%
Ridiculously overpriced for something that's hardly necessary.

OVERALL
Works well, but a bit redundant and costly. **77%**

SHAPESHIFTER About £30

A500 A500+ A600 A1200 A1500 A2000 A3000 A4000

system requirements:
KS 2.1 and above. 68020 CPU and above. 4Mb RAM minimum.

ease of use.....................85 %
It's a bitch to get going but most of this is the Macs fault.

performance....................95%
Look it's a Mac on my Amiga.

value for money..............99%
I'd much rather buy a Mac Quadra. Not.

OVERALL
The near perfect emulator. Amazing. **95%**

Exclusive PD

(CU) 7 Beresford Close, Waterlooville, HANTS PO7 5UN

Easy Ordering

All PD Disks just £1.00 per disk and work on all Amiga models unless otherwise stated. [2.04+]/[+] = A500+ or over. AGA = A1200/A4000 HD = Hard Drive required. (?) [?] Number of disks UK add 75p P&P Per order, Europe 75p + 20p per disk, World 75p + 40p per disk. Add 75p per CD. Catalogue 3 x 25p Stamps, FREE with 1st Order.

KLONDIKE

CARD GAMES DELUXE (3 DISKS, AGA)
KLONDIKE III [AGA][4MB][6 DISKS]
KLONDIKE III [AGA][HD][4MB][4 DISKS]
KLONDIKE II [3 DISKS][HD]
KLONDIKE V1.0 [AGA][3 DISKS]

LATEST CARDSETS

LANDSCAPE	ERIKA ELENIAK
GREYHAWK	HELLRAISER
THE MASK	STAR TREK 2
STARKERS	BABYLON 5
FEMALES	DREAMS 1
DREAMS 2	DREAMGIRLS 1
VT DUPCIE CHIX	STAR TREK ART
EVERTON 2 - 1995 CUP FINAL	
PREM. LEAGUE 95	FLINTSTONES MOVIE
MOTORCYCLE 1	BIKE & CAR
BABES	NUDES 2
HOT WOMEN	KEWL
BEAVIS & BUTT.	BIRDS 2
WILDLIFE 2	TRUE LIES
WILDLIFE	PINOCCHIO
BATMAN FOR'VER	NUDE
STARGATE	FAMOUS WOMEN
WET BABES	ARNIE
RIPPING YARNS	SHERILYN FENN
FRACTAL	MUNROE 2
ACHILLEOS	HEROINE
BEAUTY	CINDY CRAWFORD 2
DRAGON LANCE	PRETTY WOMEN
PHOTO CD	FLOWERS
BORIS VALLEJO	ORIENTAL GIRLS
HOT MEN	BIKINI
LIONKING	PREHILLION
PUZZLED?	DISNEY
AIRBRUSH	SPACE
OCEAN	PLAYBOY
KYLIE MINOGUE	MAMMALS

We can supply any cardset listed in any mag
DIY REKO V2 [2.04+][4MB+]
Make cardsets with ImageFX

LATEST GAMES

HD GAMES INSTALLERS 4 More!!!
DONKEY KONG C64 Classic
ULT. AMIGA CHEATS DISK [2.04+]
GALAGA DELUXE V2.6 [2.04+] Cool
TROOPER
BLITZ Shoot 'em up
COGNITION Puzzling puzzler
NECESSARY ROUGHNESS 2
CIRCUS [2.04+] Just clowning around
SKID RACER Top down racer
BLACK DAWN 5: NEW BEGINNING (2)
DUCK DODGERS [2.04+]
CODENAME NANO [2.04+]
JACK NICKLAUS: CALGARY COURSES
SCAVENGE (AGA)
SUPER HAM & TOSES BROS [2.04+] (2)
CARNAGE [2.04+] [2MB]
CHANEIQUES (2, AGA) Lemmings type puzzler
THE ULTIMATE DEGRADER AND ENHANCER V1.1 (AGA)
ART OF BREAKING HEADS (6, AGA) Cool beat 'em up
HD GAMES INSTALLER II (AGA, HD)
ZAXXON C64 Classic
INTERNAL COMBUSTION
FATAL MISSION (AGA)
VIPER (AGA)
DIGITAL NINJA: GORY CHRISTMAS Horrific snowball fight
CYBERGAMES (2 DISKS) Beat em up
CHARR V1.0 Great artillery game
INFECTION Good puzzler
DEMON V1.01 Card game
SUICIDE MACHINE Op wolf style
VCHESS V3.1 [2.04+]
HYPERACE (3, AGA) Top down racer
TOTAL DOMINATION
ALIENOID Arkanoid style
BEAVIS & BUTTHEAD
CYBERSPHERE Bat and ball game
JET SET WILLY 3 Cool remake
DR STRANGE 2 [2.04+] Platformer
FEARS V2.0 (AGA) Fantastic!
POKERMANIA (AGA) Card game
BLOODWARS V2.0 (AGA)
M*A*S*H Lemmings style
KING HIGH Card gamble
EMERALD MINE V6.0 Boulderdash!
BLOODBALL
CYBERMAN 3D Pacman
T-RACER Cool shoot em up
AMIGA THRUST AGA
SCORCHED TANKS V1.85 Stunning and addictive artillery game
LAST LAP V1.0 [1.5MEG] Top down racer
HD INSTALL 3 (AGA) Latest games to HD
DELUXE PACMAN V1.6 AGA The best Pacman game
TRACK ATTACK (2 DISKS) Train puzzler
BOOMIN' ECK (AGA) Dynablaster style
PSSSST (AGA) Speccy remake
MORTAL KUMQUAT 3 (AGA) Beat em up
PSYCHEUAL AGA Good AlienBreed clone
SKIDMARKS 2 EXTRA CARS (2, AGA) Wheelchair, Truck, Sportscar, Land Rover
F1 GP EDITOR V2.75 For Microprose F1
EXCELLENT CARDS III (AGA) Great cards games
SCRABBLE [2.04+] The board game
HELICOPTER MISSION [2.04+]
SUPER BATTLE ZONE [2.04+]
PACMAN 3D [2.04+]
PUZZLE PITS 2 [2.04+]
BOOZE-O-METER [2.04+]
MADHOUSE [AGA][1.5MB+][2 DISKS]
ROCKETZ V2.25 [AGA] Raytraced classic
OOZE AGA [AGA][2] Cool board game
OOZE ECS [2.04+]
GRAVITY FORCE II [2.04+] Tons of levels
POWER WALLS [2.04+]
TANKS! [2.04+] 3D classic
NICKY 2 [2.04+]
ALIEN GENOCIDE [2 DISKS][2.04+]
ISLAND [2.04+] Monopoly variant
DOOMER [AGA][HD]
SLIDER [2.04+]
CARNAGE [2.04+]
PSSST TURBO [2.04+]
SCREECH [2.04+] Motor game
GLASSBACK II [2.04+]
CHILD MURDER AGA [4] Gory adventure
CHILD MURDERER ECS [3 DISKS][2.04+]
DIAMOND CAVES V1 [2.04+] Cave game
SPRINGTIME [2.04+] Puzzler
ALIEN BREED 3D [AGA] Demo
BATTLE DUEL [2.04+]
BATTLE DUEL [AGA]
GLOOM [AGA]
WAR OF THE WORLDS 4 [AGA]
DOMINOES [2.04+]
WHEEL CHAIR GLADIATORS [2.04+]
DELUXE PACMAN ECS [2.04+] Best ever
BRATWURST V1.01 [AGA] Thrust style
THESIUS XII [2.04+]
SPACED OUT [2.04+]
BREAKIN' BRICKS [AGA/HD] Arkanoid style
BATTLE TRUCKS [2.04+]
DYNAMITEWAR V2.0
ULTIMATE FRUIT MACHINE
WEAPON MASTERS
DYNAMO (2 DISKS)
DENTAWOLF (AGA) Doom clone
BOOMFIELD
COW WARS V1.1
HELICOPTER
INCINERATOR 3D
XENO PLAYABLE
VIRTUAL WORLDS V1.011

LATEST DEMOS

SOUNDS OF ROCK
SOUNDS OF ROCK 2
TEKNO FRENZY
TEKNO FRENZY 2
TEKNO FRENZY 3
JAZZ MOODS
AURAL EXTRACTION (1MEG CHIP)
AURAL EXTRACTION 2
OLD BULLS: MOMENTS (AGA)
SCOOPEX: ALIEN INSPIRATION (AGA)
GENERATION X (2, AGA, 4MB FAST MEM)
BOLD & BEAUTIFUL: OPEN YOUR MIND #7
SPASM: BIM BAM 3 [2.04+]
BANAL PROJECTS: PAPA [2.04+]
CARNAGE: TAIHO SHICHAU ZO [2.04+]
P.I.L: ANNALIZA [2.04+]
AMAZED (3, AGA [HD])
BIOSYNTHETIC DESIGN: TENEBRA (AGA)
SCOOPEX: ARTCORE (AGA)
AXIS: PICTURE BOOK (4, AGA)
NOVA: SOHO (3, AGA)
APEX: DOTSY (AGA)
OXYGENE: INDIGO (2 DISKS, AGA)
INFECT: DO YOU BELIEVE? (2 DISKS, AGA)
POLKA BROS: TWISTED (4 DISKS, 4MB)
ZOO: MAP (AGA)
FREEZERS: WIT PREMIUM (AGA)
TRSI: WE WILL SMASH U (AGA)
ABYSS: DOVE (2 DISKS, AGA)
FAIRLIGHT?/VIRTUAL DREAMS: PSYCHADELIC (3 DISKS, AGA, HD)
TRSI: ANHALONIUM LEWINI (AGA)
NO REFUND (2 DISKS)
TRSI: CUBIC DREAM (2 DISKS, AGA)
IMPOSSIBLE POSSIBILITY (2 DISKS, AGA)
DREAMDEALERS: IMAGINE (AGA)
TRSI: ARTIFICE (2 DISKS, AGA)
SPACEBALLS: KLEINE JONGEN
LATE NIGHT/AMY JOGS
DOLPHIN DREAMS
FREEZERS: DEATHWALKER (2 DISKS)
GIGATRON: PRIMAL SCREAM (AGA)
HYDROENCAPHULUS 2 (AGA)
MAN ON THE MOON (4 DISKS, AGA, [HD])
AVALON: RESPONSE (AGA)
ART OF NOISE (AGA)
BLUE (AGA)
4D DEMO (AGA)
MANUAL OVERRIDE (AGA)
DEEP (2 DISKS, AGA)
X (3 DISKS, AGA)
IN BLOOM (2 DISKS, AGA, 4MEG, HD)
STAVROS (3 DISKS, AGA, 4MEG, HD)
HOPEFULLY DEAD (4MEG, AGA)
OZONE BONZMIX #1 (2 DISKS, AGA)
FREEZERS: LECH (AGA)
MELCHIOR (2 DISKS, AGA, HD)
RUNE REALM 2 (2 DISKS, AGA)
BREATH TAKER [AGA][4MB][HD][5 DISKS]
MYSTIC ILEX (AGA)
SOME JUSTICE '94 [AGA][2MB]
MELON BOO=II
PRODIGY NO GOOD
NEOPLASIA BAM BOOZE
ETERNAL MADNESS (2 DISKS) [AGA][4MB OR HD]
TOOTHBRUSH (2 DISKS, AGA)
IMT WORLD OF ASCII (AGA)
BALANCE SYNDROME (AGA)
ASYLUM ZEROS & ONES (AGA)
TRADEGY ZOOTIE (AGA)
ANIMATUNES (2 DISKS, AGA)
VANITY AURAL ASSAULT (2, AGA)
BINARY PHOBIA (2 DISKS)
ANATHEMA CHIP ATTACK (2, AGA)
GATHERING 95 INTROS
TCM MINT (AGA)
ABYSS DRUGSTORE (2 DISKS, AGA)
TEMPLE OF DECEASE (AGA)
ARTWORK GREENDAY [AGA][3MB][HD][3 DISKS]
RIDGE RACER DEMO (AGA)
GIGA BOSNISK METAL
BUFFALO VIBES #1 [2.04+]
DELIGHT: EXPLORER (AGA)
O.T.T: MONOLITH (AGA)
SANITY: ROOTS V2.0 (AGA)
POSSINULE (4 DISKS, AGA)
OXYGENE: HAPPY BIRTHDAY AGA
OXY:ANOTHER DREAM NOW (AGA)
MUSICAL SENSATION (2, AGA)
A MATTER OF STYLE (2, AGA)
ILYAD (4 DISKS, AGA, HD)
ACID IS ONLY A DRUG (6, AGA)
VOMIT DEMO (AGA)
LION KING JPEGS (4 DISKS, AGA)
LION KING JPEGS 2 (3 DISKS, AGA)
TRIP IN A VEIN [6MB][7, AGA]
DARK PORTAL 2
THE MAD PREACHER
MANGA ANIMATED BABES! (AGA)
RAVE NATION (2 DISKS)
MIXER VOLUME 1
GATHERING 94 MODULES 13-18 (6)

UTILITIES

POWERCACHE V37.104 [2.04+]
FILER V3.23 [2.04+]
TURBOCAT V2.00 [2.04+]
FINAL WRAPPER V3.0
FINAL WRITER PATCH
WB3.0 DATATYPES
GUIDING LIGHT Amiga Guide utils
DOPUS EXTRAS
GVP FASTPREP V1.01A [2.04+]
SUPERDARK V2.0 [2.04+]
AFCOPY V4.4 [2.04+] DOpus clone
MEENY MENU SYSTEM [2.04+] Make your own menus
DOPUS MAGIC COMPANION [2.04+]
BLITZBLANKER V2.5A [2.04+]
SWAZBLANKER V2.7 (AGA)
MR BACKUP V2.1.4 [2.04+]
DISK DOUBLING V1.9B [HD] Disk compressor
IMAGE ENGINEER V1.1 [2.04+/020]
DYNAMICS AGA Art package
TEXTURE STUDIO [2.04+/020/FPU]
PCTASK V3.1 PC Emulator
SPONDULIX V5.0
MAGIC DISK CREATOR Make your own
EXOTIC RIPPER V3.0 Module/Sample stealer
DISK CAT V2.1 [2.04+] Catalogue maker
ADPRO EXTRAS [2.04+]
GBLANKER V3.6 [020]
AUTOSTREOGRAM V4B - RDS Generator
WB2 HD INSTALL DISK [2.04+]
TEXT PLUS PRO V5.01 [2.04+/HD]
EPOCH MASTER V5 [2.04+]
GAME WARPER V1 [020+] Uses Action Replay codes
DMS PRO V2.04 [2.04+] Diskmasher
DISK MON TOOLS V3 [2.04+]
CHECK IT OUT V1.02 [2.04+] Accounts package
EAGLEPLAYER V1.54 (2) [020]
DISK STYK [2.04+] Make labels
SUPERVIEW V4.42 [2.04+]
PRO TITLER V2 [2.04+] Desk Top Video
CAR DATA ANALYST [2.04+] Fuel consumption etc
EASY DMS [2.04+] Diskmasher
BLUFF VIDEO TITLER [2.04+] DTVideo
SOUND BOX V1.97 [2.04+] Sample converter
SMART FRACTAL [2.04+] Generator
AMI CHECK [2.04+]
DELITRACKER II V2.1 (2 DISKS) [2.04+] Module player
IMAGE STUDIO V2 (2) [2.04+][HD]
DISK MON TOOLS V3.1 [2.04+] Disk repair
APLAYER V1.21 [2.04+] Mod player
AMIGABASE V2.1 [2.04+] Database
GFX CON V1.6 Converter
EASY LIFE V1.10 (3 DISKS) [2.04+]
VISUAL ARTS V2.2 (2) [2.04+]
OCTAMED V6 [2.04+] 8 channel Tracker
GEN TREE V1.5 [2.04+][2MB+] Geneology prog.
SCOUT [2.04+] SnoopDOS style
DMS FACE V1.1 [2.04+] Diskmasher GUI
DOPUS UTILS 2 [2.04+]
BLITZ CASE For blitz basic
EASYSTAT V1.0 Stats prog.
ICON TOOLBOX V2.12 [2.04+] Superb
MAGIC SELECTOR V1.40 [2.04+]
MUI V2.3 [2.04+] Magic User Interface
MAGIC CX [2.04+]
TOOLS DAEMON V2.1 [2.04+] Essential tool
TOOLS MANAGER V2.1 (2 DISKS) [2.04+]
PROTECTOR [2.04+] HD Security
LOCK UP V3.6 [2.04+]
SECURITY V3.71E [2.04+]
SUPER DMS V2.001 [2.04+]
NEW UTILS #3 [2.04+]
WORDS V2.3 [2.04+/HD]
GOLDED V3.0 [020+/HD]
GOLD ED EXTRAS
DIRECTORY OPUS PATCH V5.0 & V5.10 TO V5.11 [HD]
LZX V1.2 The ultimate archiver
QUADRACOMPOSER [2.04+]
QUALITY AMOS PD
NEW ICONS EXTRAS
TAPE COVER/AUDIOED V2.55 [+]
VMM V3.1 [68020+68851 MIN.]
TERRAFORM UTILS 1 [2.04+]
ZXAM SPECTRUM EMULATOR V2.0 (AGA)

COMMS GUIDE V1.1
FINAL FAXX [2.04+]
AMIGA FAX V1.42 [2.04+]
TELEPHONE BOOK V3.1 [2.04+]
DIALING CODES V2 [2.04+]
MICRO PHONE NUMBER LOCATOR
INTERNET ARCHIVE (2 DISKS) [2.04+][HD]
INTERNET UTILS
INTERNET UTILS 2 [2.04+]
COMMS & THE NET (5) [2.04+]
CROSS MAC [2.04+]
ACCESS PC [2.04+]
PC TOOLS [2.04+]
DREAM TERM [2.04+]
TERMINUS V2.0E [2.04+]
TERM V4.3 (3 DISKS) [2.04+][HD]
TERM V4.3 030 (3 DISKS) [2.04+][HD]
AMIGA NCP V1.7 [2.04+] Amiga to Psion
PARNET HD [2.04+]
MOSAIC V1.2 [2.04+]
BAUD BANDIT BBS V7.2 [2.04+]
AMIGA POINT V2.1 [2.04+]
AMIGA ELM V5 [2.04+]
GRAPEVINE [2.04+]
TCP HELPER [2.04+]

SLIDES

THE GATHERING '95 GFX (4 DISKS, AGA)
FRIDAY THE 13TH (4 DISKS, AGA)
DOOM II SLIDES (AGA)
FEMALE BODY BUILDERS (3, AGA)
BLADERUNNER SLIDES [2.04+]
RAYTRACED JPEGS (AGA)
WILDLIFE JPEGS (AGA)
BABYLON 5 AGA SLIDESHOW
NFA: BODYSHOP VIII (3 DISKS, AGA)
NFA: CLAUDIA SCHIFFER '94 (3, AGA)
ALIEN RAYTRACED PICTURES (AGA)
BLADE RUNNER JPEGS (AGA)
FAMOUS FACES (5 DISKS, AGA)
JENNIE GARTH (AGA)
MOSAIC SLIDESHOW
STREETFIGHTER2 & MANGA BABES AGA
WILD WHEELS AGA
ETERNAL (2 DISKS, 2 DRIVES, AGA)
NIKI TAYLOR (2 DISKS, AGA)
TRSI: SUN (2 DISKS, AGA)

INTERESTS

AMOS PROGRAM COLLECTION (2)
QUALITY AMOS PD
E RKRM EXAMPLES
E MODULES V40
E UTILS 'N' SAUCE (3)
ATTIC & BLITT Programs for C programmers
RRR: EXPERIENCE X - ALIENS AHEAD
STAR TREK DESIGN FILE
BLITZ BASIC STUFF
AMOS Q & A (03/95)

IMAGINE RAYTRACING

BICYCLE OBJECTS
BACKPACK/BUGHEAD/STINGRAY OBJECTS
ROBOTBALL/TROOPER OBJECTS
HEAD/INTEL/JEEP OBJECTS
NAUTILUS/PHONE OBJECTS
OVIS OBJECTS
POOL + OTHERS OBJECTS
SPACESTATION/SPITFIRE OBJECTS
IMAGINE FONTS (4)
DINOSAUR OBJECTS
STAR WARS OBJECTS(3)
IMAGINE TEXTURES GUIDE (AGA)
IMAGINE ATTRIBUTES #2
ALIENS OBJECTS
BABYLON 5 OBJECTS 2
IMAGINE-2-LIGHTWAVE V1.0
DUNGEONS & DRAGONS IMAGINE OBJECTS
DALEK OBJECTS FOR IMAGINE
SPACEMAN IMAGINE OBJECTS
ARMOURED_WALKER FOR IMAGINE 2.0
IMAGINE HUMANOID (4)
IMAGINE LIGHT FLAIRS
IMAGINE MANUAL [2.04+]
IMAGINE CAR OBJECTS (3)
IMAGINE BRUSHES & TEXTURES
IMAGINE TEXTURES
IMAGINE ANIMAL PLANT (2)
IMAGINE SOFTSHADOWS TUTORIAL
IMAGINE Q & A
IMAGINE UTILITIES (3)
IMAGINE BUDDY SYSTEM [2.04+] (2)
IMAGINE TEXTURE MAPS

SFX & GFX

GFX UTILS 2 [2.04+]
SUPERVIEW V4.0 [2.04+]
VIEWTEK V2.1 [2.04+]
IMAGE PROCESSING 3 [2.04+]
CHRISTMAS LABELS
GRAPHIC CONVERTERS (2 DISKS)
JPEG TO AGA CONVERTER V1.4
DGRAPH [2.04+](3 DISKS)
IMAGEDESK V1.5 (AGA)
SOME JUSTICE SAMPLES (6 DISKS)
BASS SAMPLES
EAGLEPLAYER V1.53 (2 DISKS) [2.04+]
(ST-99) ALERT SAMPLES
ULTIMATE BREAKS [2.04+](6 DISKS)
X-LOOPS [2.04+]
COMPUGRAPHIC FONTS VOL 9 (6)
LION KING CLIPART (3 DISKS)
TINY TOONS CLIPART [2.04+]

LOTTERY

COP THE £OT PRO
PRO-LOTTERY V1.1
BALLS V0.99 (AGA)
LOTTERY CHECKER
LOTTO LUNACY V.5 [2.04+]
LOTTERY MASTER [2.04+]
MP LOTTERY V2 [2.04+]
PRO GAMBLE V2.1
COURSE FORM
PREDICTION TOOLS
FORECASTER V2.01B [2.04+]
BOOKIE BEATER

£

MAGICwb

MAGIC WB V1.2P [2.04+]
MAGIC WB EXTRAS 1&2 (4)
MAGIC WB EXTRAS 3&4 (4)
MAGIC WB EXTRAS 5&6 (4)
MAGIC WB EXTRAS 7&8 (4)
MAGIC WB EXTRAS 9 (2)
MAGIC WB EXTRAS 10 (2)
MAGIC WB EXTRAS 11 (2)
MAGIC WB EXTRAS 12 (2)

MAGICWB BASED ICONS V1.2
MAGIC-B/GROUNDS ICONS [+]
SMALLMAGIC [2.04+]
MWB PALLETTES/FOXX ICONS
ROMANS MWB ICONS (2)
SMALL MAGICWB V1.1

FUNNY B/DROPS & ICONS AGA
WB SEAMLESS TEXTURES [+]
WALLPAPER V1 & B/DROPS [+]
WORKBENCH PATTERNS
B/DROPS & S/UP PIX V3 (AGA)
B/DROPS & S/UP PICS V7 (2)
B/DROPS & S/UP PICS VOL 9
B/DROPS & S/UP PICS V10 (2)
TREK BACKDROPS (2) [2.04+]

FI

F1-084 Words Pro £4.99
F1-085 Legions Of Dawn £4.99
F1-086 Legions Of Dawn (HD) £4.99
F1-090 Putter V3.0 £3.99
F1-091 D.M.C. £4.99
F1-092 Premier League £3.99
F1-094 Amoszine 7 £5.99
F1-096 Magnetic Fiction £3.99
F1-097 Ult. Quiz Data: Pot Luck & Sport £4.99
F1-098 Gonks £3.99
F1-099 GR.A.C. User Disk 1 £3.99
F1-100 Atomic II £3.99
F1-101 Introducing WB II £6.99
F1-102 Auriga £3.99
F1-103 Telesubtitle 3 £3.99
F1-104 Martial Morphers £3.99
F1-105 Dynamata £3.99

GR.A.C V1.1
Complete with manual
Only £6.99

24 HRS (01705) 642409

CD-ROM BLITZ

Zoom
Only £14.99

SuperCars
Only £4.99

Colour Library
Only £9.99

Pre-Orders

C64 Sensations £14.99
Speccy Sensations 2 £14.99
Phase 5 £14.99
Cards Debited on day of release.

Other CDs

AmiNet Set #1 £23.99
Pro IFF & PCX 2 £16.99
Hottest 5 £16.99
Assassins £14.99
LSD Compendium £14.99
LSD II £15.99
Giga Graphics £34.99
Amos II £17.99
Speccy Sensation £17.99
GFX Sensation £17.99
Multimedia K'it 2 £23.99
United PD Gold £24.99

Sound Library & Graphics Workshop (Double CD)
Only £17.99

AmiNet Series
AmiNet 6 £9.99
Aminet 7 £13.99
AmiNet 8 £10.99 (PreOrder)

Hottest 4 & Pro Utils 1-1500 Pack
Only £19.99
17Bit Continuation & Phase 4 Pack
Only £19.99
17Bit Continuation | 17Bit Phase 4

The Cheap Seats

Gamers' Delight £9.99
Lock N Load £9.99
Gateway £9.99
Power Games £9.99
Networking £12.99
Meeting Pearls II £9.99

IMAGINE BACKDROP SET 1 £8.99 ARCTIC ICE FLOWS, CHUNKY BRICK, MOSSY, CLOUDS 15000 ABOVE SEA, CLOUDS 30000 ABOVE SEA, CUMULUS CLOUDS CLEARING, CUMULUS CLOUDS, CLOUDS DARK AFORE SUN

IMAGINE BACKDROP SET 2 £5.99 LAKE, CLOUDY SUNSET, SKYSET LAKE, ULTRASUNSET LAKE, MIST ACROSS GLACIER, MOON, RISING CLOUDS, RISING MOON, STONE CLADDING ZOOM

IMAGINE BACKDROP SET 3 £5.99 STONE CLADDING II ZOOM, ARCTIC TUNDRA SUNSET, SUNSET 30000FT OVER SEA, LONG DISTANCE SHORE SUNSET, SWAMP TREES SUNSET, SUNSET WINTER RIVER, GREY, BREAKING WAVES

A64 PACKAGE V3 & COMMODORE 64 GAMES [10 DISKS] [2.04+]
Only £10.00

ZXAM SPECCY EMULATOR V2.0 AGA £1.00
SPECCY EMULATOR V2.0 (ALL) £1.00
SPECCY GAMES
Vol1-9 144Games £9.99
Vol10-18 142Games £9.99
Vol19-28 163Games £9.99
Vol29-38 158Games £9.99

J. NICKLAUS ULTIMATE GOLF COURSES
PACK 1 21 EXTRA COURSES £6.99
PACK 2 25 EXTRA COURSES £6.99
PACK 3 27 EXTRA COURSES £6.99

ONLY £4.99

NEW ICONS PACKAGE AGA including THE NEW ICONS BACKDROP SET #1 NEW ICONS IMAGE SET (500+ICONS) ADDITIONAL ICONS & SNAPSHOTS and ICONIAN V2.93 to create your own icons

SKIDMARKS 2 EXTRA CARS

SP001 Includes "Cosworth, JCB Digger, Bigfoot Truck & GoKart"
£4.95

SP002 Includes "Bus, Tank, Convertible & Dick Dastardly"
£4.95

SP003 Includes "Jet, Dragster, Reliant Robin & Skater?"
£4.95

Each set comes complete with HD and Floppy installer, cars act as an integral part of the game AGA Required.

Fonts

Final Writer Fonts
Pack 1 (204 fonts) £9.99
Pack 2 (208 fonts) £9.99

WIN!!!! £50.00 - Free entry to our lottery
1 FREE ticket with every £5 spent. First prize £20.00 worth of PD disks, 2 Runners' up prizes of £10.00 worth of PD Disks, 2 Runners' up prizes of £5.00 worth of PD disks

WIN!!!! £50.00 - Free entry to our monthly draw!
1 FREE ticket with every £5 spent. First prize £20.00 worth of PD disks, 2 Runners' up prizes of £10.00 worth of PD Disks, 2 Runners' up prizes of £5.00 worth of PD disks

Falcon 040

■ **Price: see box out** ■ **Developer: MacroSystems** ■ **Supplier: Power Computing © 01234 843388**

Another record is broken, as the wind-assisted Falcon 040 accelerates the A1200 past its personal best.

A 68040 processor on an A1200 accelerator card: they said it couldn't be done – or did they say it shouldn't be done? Either way, many didn't expect to see it happen, but it has, with the release of the Falcon 040 trapdoor card.

The reason they said it couldn't be done was because the 68040 processor gets very hot unless there's some kind of cooling system involved. It's common practice to mount small fans on top of processor chips, which is fine if there's room inside the computer, but the A1200 isn't exactly the most spacious machine under the bonnet. However, with the Falcon 040, Power Computing have found a way of squeezing the rather large 68040 chip and a fan into a the A1200.

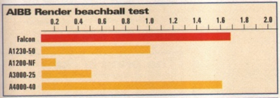
Fitting the board is rather more tricky than with other trapdoor expansions. Unfortunately new Amiga owners will invalidate their warranty by installing it, as the top of the Amiga's case needs to be removed. This won't be a problem for most users, since their warranties will have expired by now. Once the board has been plugged into the A1200 expansion slot, the next step is to attach the fan, via a self-tapping screw that needs to be bored up through the underside of the A1200 case. The fan sits half on the processor chip, overhanging to one side, but it seems to give sufficient ventilation.

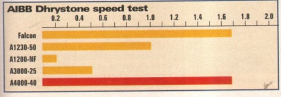
Once the board is in place, the trapdoor will not fit without cutting out a couple of holes to accommodate the SCSI connector and the RAM SIMM. To save you hacking your trapdoor yourself, Power Computing are supplying modified trapdoors with the Falcon.

SCSI option

Sensibly the Falcon comes with a SCSI option. Upgrading the basic board to SCSI costs a mere £29.95, for which you get a cable that plugs into the board, and leads through to supply a SCSI port from the spare panel on the back of the A1200 (next to the joystick ports). How come this is so cheap? Well the Falcon comes with a SCSI controller chip surface-mounted as standard. It's this chip that does the hard work. This is surprising, as it must inevitably push up the price of the non-SCSI board option. Maybe it would have been better to exclude the controller chip on the non-SCSI configuration.

As you can see from the price panel here, the Falcon is available in a number of processor configurations. Heat problems may occur with the faster 040 chips, such as the 50MHz version, although we had no such problems with the review model. A 68060 version is due shortly, but at the moment 060 chips are rather hard to get hold of. Once they're more widely available, Power Computing are offering an upgrade service, in which you trade-in your 040 for a new 060. The 68060 is actually better suited to a board such as this, as it runs much cooler, and of course much faster.



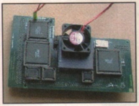


How fast?

Is it fast? Of course it is! The board we tested was fitted with a 25MHz 040, and in many tests came out equal with a 25MHz A4000/040, which is logical enough, but in others tests it beat the A4000/040 by a fair chalk, thanks generally to the A4000's rather crippled memory bus. The comparison charts here show the relative speeds of five Amiga systems when put through various speed tests using the AIBB utility. From top to bottom, the setups are a 25MHz 040 Falcon, a 25MHz 030 Blizzard 1230-III, a stock 2Mb A1200, a 25MHz 030 A3000, and finally a 25MHz A4000/040. The Falcon excels in most tests, confirming that it is indeed the fastest A1200 accelerator currently available.

It's good to see the 8Mb SIMM working in harmony with the PCMCIA slot, which is essential for anyone who really wants to power up their A1200. While the Falcon is far from the neatest accelerator solution, it works, and it works fast. It's not cheap, (you'll still have to pay out for some RAM) but for an extra £29.95 you've got yourself a very fast SCSI interface, and the option to upgrade to a 68060 without replacing the board. ■

Tony Horgan



Prices and Configuration

The Falcon is available in a number of configurations. At the time of going to press the 68060 options were not available, but should appear as soon as the shortage of 68060 chips is resolved. These prices are for Falcon boards with no RAM.

Falcon 040 lc	**£429.95**
Falcon 040 rc 25MHz	**£499.95**
Falcon 040 33MHz	**£549.95**
Falcon 060 50MHz	**£649.95**
SCSI adaptor	**£29.95**
Upgrade to 060	**£199**

FALCON 040

A500
A500+
A600
A1200
A1500
A2000
A3000
A4000

system requirements:
Any A1200

ease of use.......................70%
Fitting it is fiddly, but there are no major operating problems.

performance.......................90%
Extremely fast with a decent SCSI controller on-board.

value for money..............78%
Rather pricey but the latest technology is never cheap.

OVERALL
The fastest A1200 accelerator, with SCSI too.

83%

Final Writer 4

■ Price: £74.95 ■ Developer: SoftWood■ Supplier: Softwood Products✆ 01773 521606

AMIGA SUPERSTAR

The king is dead, long live the King. The Amiga word processing crown passes onto SoftWood's version 4 and Andy Leaning compares the bloodline.

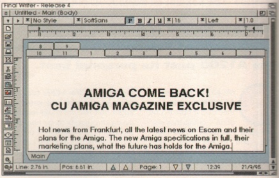
Final Writer 3 from SoftWood Publishing has long owned the crown of best word processor for the Amiga. It's rich feature set, elegant user interface and rapid performance has made it a firm favourite for many thousands of users around the world. It can do practically everything a mortal user could want, from entering and amending letters through writing complex reports with tables up to producing brochures requiring DTP style capabilities such as picture importing and positioning.

But now SoftWood has killed off the King, and released version 4. Is it as good? The question has to be: What could they possibly add to make it better and has it lost any of its simplicity in the attempt to add new features?

Take a look at the screen shots on this page and you'll see something new. Click Tabs. It's user interface has been overhauled completely to make it easier to get to the various features of the program and to move around the document. Click Tabs are the most obvious sign of this change. Popular in PC applications they're a computerised version of traditional ring-binder folder tabs, where a folder containing many different pages is divided into sections, getting to the information in a particular section is just a matter of selecting the related tab and turning that sheet over. In *Final Writer* the folders are requesters and the tab pages being sheets in the requester that contain related commands or information. Now instead of jumping from requester to requester a single requester is used, with the different sections accessed via the tabs.

But SoftWood's use of Click Tabs goes well beyond the normal usage in PC and Mac word processors. For the first time in any word processor that I've come across, Click Tabs are also used on the document Window to provide rapid access to different pages. Just click on a pages corresponding tab and you're instantly taken there - brilliant! The only downer is that as a document size grows and more pages are added the new tabs are displayed vertically in rows, eating up the screen space used to show the document. It could have been useful to have the page tabs displayed as one long line that could be accessed via some automatic sideways scroll option.

Other changes made as part of *Final Writer 4*'s interface overhaul include a thinning out and re-organisation of its menus. There are now fewer nested menus. and an information and status bar at the bottom of each document window showing the current line and character position, page number and time and date. Clicking on these will either bring up a requester (the View Preferences for character and line buttons and Goto Page for Page Number) or insert information into the document (the current date or time). You can also jump quickly up and down one page at time or to the top or bottom of a document via further buttons on this bar.


Final Writer - Release 4
Untitled - Main (Body)
No Style
SoftSans
P
B
I
U
16
Left
1.0
8
9
10
11
1
2
3
4
5
6
7
Main
Line: 2.76 in.
Pos: 6.61 in.
Page: 1
12:39
21/9/95

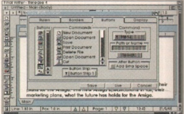
AMIGA COME BACK!
CU AMIGA MAGAZINE EXCLUSIVE

Hot news from Frankfurt, all the latest news on Escom and their plans for the Amiga. The new Amiga specifications in full, their marketing plans, what the future has holds for the Amiga.

▲ Vertigo! Here the use of click-tabs to access multiple pages in a document can be seen. Notice how the tab buttons occupy vertical space, eating up valuable screen room.

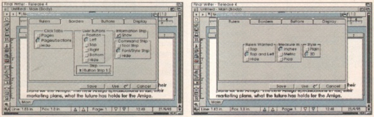
Tool bars

The final big change is the tool bars. At the top of the Window is a button that toggles the top Window buttons between a Font/Style selection for paragraph and font type selection and a Program command strip to manipulate tab stops, master pages, hyphenation etc. Along with these tool bars is a 'user button strip' that can be positioned on any of the four sides of the screen or have floating around


Final Writer - Release 4
Untitled - Main (Body)
Rulers
Borders
Buttons
Display
Buttons
Commands
New Document
Open Document
Save
Print Document
Delete File
Open Document
Cut
Command
Type
Path or Name
After Button
Add Extra Space
Button Strip
Button Strip 1
Save
Use
Cancel
Main
Line: 1.83 in
Pos: 1.0 in
Page: 1
12:42

marketing plans, what the future has holds for the Amiga.

▲ From here the user tool bars can be created. Drag the icons from the list on the left to the list in the middle. It would have been nice if it told you what the icons represented before they were dragged however.


Final Writer - Release 4
Untitled - Main (Body)
Rulers
Borders
Buttons
Display
Click Tabs
Pages
Pages/Sections
Hide
User Buttons
Position
Left
Top
Right
Bottom
Hide
Strip
Button Strip 1
Information Strip
Show
Command Strip
Tool Strip
Font/Style Strip
Hide
Save
Use
Cancel
Main
Line: 1.83 in
Pos: 1.0 in
Page: 1
12:40
21/9/95
Final Writer - Release 4
Untitled - Main (Body)
Rulers
Borders
Buttons
Display
Rulers Wanted
Top
Top and Left
Hide
Measure in
Inches
Metric
Pica
Style
Plain
3D
Save
Use
Cancel
Main
Line: 1.83 in
Pos: 1.0 in
Page: 1
12:40
21/9/95

marketing plans, what the future has holds for the Amiga.

marketing plans, what the future has holds for the Amiga.

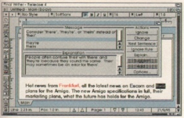
▲ A click-tab requester in action. These two screen shots show how the information in the request changes as different tabs are selected.

The price is right

The RRP of *Final Writer 4* is £74.95, which given the power and features of the program, is great value for money. Registered *Final Writer* users will be notified shortly of an upgrade offer allowing them to upgrade for a paltry £24.95 (plus £2 for postage), registered users of other SoftWood products can also get it for a reduced fee, although at the time of writing no details were available. UK distribution is by Gordon Harwood Ltd.

Thanks for the memory

PCs need ridiculous amounts of hardware and RAM to do even the most simple things. Want to play space invaders? You'll need a Pentium with 8Mb RAM. If you just want to edit a text file in Windows you'll need 4Mb RAM minimum. Thankfully the Amiga hasn't become this greedy yet and probably never will. But if you want powerful software you have to accept that, even on the Amiga, you're going to need more than the standard hardware configuration. For *Final Writer* you'll need a bare minimum of 2.5Mb of RAM (I'd recommend 4Mb or 6Mb as a comfortable minimum) which compares well against Word for PC. That would need at least 8Mb! It's also worth noting that with the release of Windows 95, the increased demand for memory is going to send RAM prices soaring, so if you're planning to upgrade do it soon.



Consider 'there', 'they're', or 'theirs' instead of 'their'.
they're
theirs

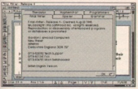
People often confuse 'their' with 'there' and 'they're' because they sound the same. 'Their' may sometimes be an error for 'theirs'.

Hot news from Frankfurt, all the latest news on Escom and their plans for the Amiga. The new Amiga specifications in full, their marketing plans, what the future has holds for the Amiga.

▲ **The grammar checker in action. Superb!**

away from an edge. Eight button strips can be created each containing a chosen collection of commands and better yet, the button strips are automatically resized to fit within the current window size, so button strips do not disappear off the edge of the screen anymore!

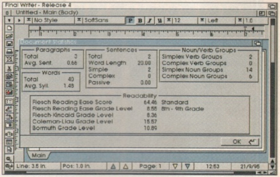
As you've probably guessed by now, I'm very impressed with the new features of *Final Writer's* user interface. SoftWood have borrowed the best bits from many other word processors, frequently building on them to provide one of the nicest front ends of any word processor. But a good user interface is no good unless the program has features worth using, and here too *Final Writer's* latest version has been greatly improved.



▲ **If you don't like the rules the grammar uses to check your work, change them!**

There's only one real major new feature, but what a feature it is. Along with the spelling checker and thesaurus *Final Writer* now has a grammar checker. Cool huh? Anyone who has used SoftWood's *Proper Grammar II* will feel at home with it, but now it's an integral part of the word processor. Either select a block of text or let it work on the entire document and the Grammar option will identify grammatical mistakes, and outline the offending word or sentence and in many cases, helps you to understand and correct the mistake.

Having used many grammar checkers I was fairly sceptical of this facility. It's all too often a case that to understand the `helpful' messages that the grammar checker producers you first need a degree in English, and if you've got a degree you'll most probably not need a grammar checker anyway. Another failing is that the rules that grammar checker uses are normally so rigid and formal that they can't handle the modern, everyday English that most people now write. Thankfully, *Final Writer's* grammar checker suffers from neither problem too badly. The messages it produces are pretty much self explanatory and easy to understand. It's also simple to change and edit the rules and instructions used to identify grammatical mistakes, thus catering for your own personal style.



Paragraphs
Total 3
Avg. Sent. 0.66

Words
Total 40
Avg. Syll. 1.48

Sentences
Total 2
Word Length 20.00
Simple 2
Complex 0
Passive 0.00

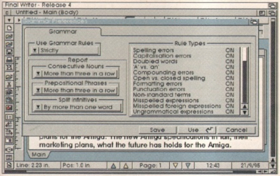
Noun/Verb Groups
Simplex Verb Groups 2
Complex Verb Groups 0
Simplex Noun Groups 14
Complex Noun Groups 6

Readability
Flesch Reading Ease Score 64.46 Standard
Flesch Reading Ease Grade Level 8.55 8th - 9th Grade
Flesch-Kincaid Grade Level 8.36
Coleman-Liau Grade Level 15.57
Bormuth Grade Level 10.89

Line: 3.5 in. Pos: 1.0 in. Page: 1 12:53 21/9/95

▲ **Allo, ze score from Belgium is nil pwants! Statistics – see what the Final Writer judging panel thinks of your writing with a readability score.**

With the grammar check *Final Writer* now also has a much improved statistics report. Along with the usual word count there's a readability score using the fairly standard Flesch reading scale and a figure giving the educational standard needed to be able to understand the document - most tabloid newspapers try to aim for a reading age of between 11-13. Because of SoftWood's American background the educational standard being used for this purpose is based upon US grading.



Use Grammar Rules: Strictly

Report
Consecutive Nouns: More than three in a row
Prepositional Phrases: More than three in a row
Split infinitives: By more than one word

Rule Types
Spelling errors ON
Capitalisation errors ON
Doubled words ON
'A' vs. 'an' ON
Compounding errors ON
Open vs. closed spelling ON
Formatting errors ON
Punctuation errors ON
Non-standard terms ON
Misspelled expressions ON
Misspelled foreign expressions ON
Ungrammatical expressions ON

marketing plans, what the future has holds for the Amiga.

Line: 2.23 in. Pos: 1.0 in. Page: 1 12:43 21/9/95

▲ **More click-tabs in action! Even the About box has got them...**

Final count down

Final Writer 4 is a landmark piece of software for the Amiga. No other application I've seen offers such a complete range of features for its intended use. Perhaps the only one that comes close is SoftLogic's *PageStream 3.01* for DTP users. Everything you could want in a word processor, and a little bit more, is within *Final Writer.* Ironically if you're looking for simple DTP capabilities *Final Writer* is now probably a better bet than *PageStream*.

It's often the case that when software houses are updating their programs and adding new features they lose track of original elements that made their application stand out. In the case of *Final Writer* these were a simple and elegant user interface and good performance. When I read SoftWood's brochure which proudly describes how menus, requesters and document windows had been redesigned I feared the worse. But surprisingly, this update really adds to the original. The new front end is far, far, better with its click tabs, status/command line and customisable floating tool pallets *Final Writer* is without doubt the first word processor I've used in a long time and one with which I felt at home with immediately – it's so wonderfully intuitive.

The final conclusion? With *Final Writer* release 4 SoftWood have given the Amiga a word processor that you can show to your PC and Mac owning friends with pride. In conclusion, it is quite simply the best word processor for the Amiga, in every respect – Get it now!

FINAL WRITER 4

A500
A500+
A600
A1200
A1500
A2000
A3000
A4000

system requirements:
Workbench 2.04, a minimum of 2.5Mb RAM and a hard disk.

ease of use....................94%
Without doubt one of the most easy to use software titles for a long, long time.

performance....................90%
Good, solid performer

value for money..............93%
A fully featured word processor, built in grammar checker, it even has DTP capabilities-what more could you ask for in a £70 program.

OVERALL
This is what Amiga software should be like.
94%

COLOUR KITS for MONO PRINTERS

Ever wished you'd bought a colour printer instead of a mono one? Wouldn't it be nice to print out pictures in colour? Now you can with Amiga "Flexicolor Kit". Each Amiga Flexicolor Kit comes complete with everything you need to print in colour, including superb software. The colour kit is simple to use, the ribbons fit exactly the same way as your black ribbons so it will not affect your guarantee. Also on all models listed below paper alignment is automatic, you do not have to manually align. PRINTS AS GOOD AS COLOUR PRINTER. If your printer is not listed below please phone. Amiga Flexicolor kits for Star LC10, LC20, all Star 24 Pin Panasonic 1080/81/1123/1124. Epson FX80, FX100, LQ800 etc. Citizen 120D+, NEC P6, P6+. Please note colour kits come complete with coloured ribbons.(Anti Banding now included in software)

COMPLETE KIT £39.95

FLEXIDUMP 3

A large range of printer ribbons & reloads always in stock

NO MORE BANDING
NO MORE WHITE LINES
COLOUR GRAPHICS LIKE
YOUVE NEVER SEEN BEFORE

Yes its true the new flexi 3 will remove banding & white lines from dot matrix & bubblejet printers
Now you can have laser quality on dot matrix printers.

Other new features include:-

*Balance control for picture enhancement * Select area to be printed*Select size to be printed*Page Control*Colour Seive * InkCorrection*Automatic poster mode for larger than A4 * Gamma correction * Spooler for colour letter heads etc * Colour seperation * Now with Anti-Aliasing to get rid of jagged edges*Large range of dithering (dot pattern) * Variable levels of shingling to totally remove banding / white lines.* Colour catalogue function will print a minature of each picture. Configarable between 1 to 8 accross. * Star, Citizen, Panasonic, NEC, Epson, Cannon, Hewlett Packard and just about any dot matrix or inkjet bubblejet/Laserjet printer.

ONLY ~~£39.95~~ CARE SPECIAL £29.95
UPGRADE FLEXIDUMP TO FLEXIDUMP PLUS 3, ONLY £14.95 INC. RETURN MASTER DISK

MISCELLANEOUS

Mouse House	£2.99
Mouse Mat	£3.99
2 Piece Priner Stand	£5.99
Parallel Printer Cable	£3.99
3.5 Digital Cleaning Kit	£2.99
100 Cap Lockable 3.5 Disk Box	£12.99

COLOUR PRINTER RIBBONS

Just take the top off, take out the old ribbon and reload it with a new one. Full instructions supplied.

	Complete Ribbon	One Reload	Five Reloads
Citizen Swift/ABC/224	£11.95	£6.99	£29.95
Panasonic KXP2123/2124/2180	£9.99	£6.99	£29.95
Panasonic KXP2135	£9.99	£6.99	£29.95
Star LC200 9 Pin	£9.63	£5.99	£23.95
Star LC24-10/20/200	£9.63	£6.99	£29.95
Seikosha SL95	£12.99	£9.99	£29.95

INKJET REFILLS

For HP DESKJET 500,510,520,550,500C,500C,550C,560C
EPSON STYLUS 800,1000, CANNON BUBBLEJET, BC-01, BJ105/EX/SX, BC02,BJ200,BJ130,BJ300,BJ330
OLIVETTI JP150,250,330,CITIZEN PROJECT

6 Refill Kit 120ml pure black	**£16.99**
CANNON BJC 600, BJC400 20 Refill Kit 120ml pure black	**£16.99**
EPSON STYLUS four refils 120ml pure black	**£16.99**
TRICOLOUR REFILL KITS FOR: HP Deskjet range, Canon BJC600, BJC4000 etc 10 Refills of Yellow, Magenta & Cyan 180ml	**£24.99**
EPSON STYLUS TRICOLOUR refill, 2 refills of Yelow, Magenta & Cyan 180ml	**£24.99**
Print Head Recovery Fluid for unblocking nozzles	**£5.95**

Important: **Please state type when ordering.**

SPECIAL RE-INK

For Panasonic 1080/81, 1124, 1180, 2123, 2135, Star LC200 9 Pin, Epson LQ100, Oki 182/390. Black bottle will re-ink 100+ ribbons	£9.95

BLACK PRINTER RIBBONS

Just take the top off, take out the old ribbon and reload it with a new one.

Citizen Swift/ABC/120D 5 black reloads	£9.99
Star LC10/20/100 5 black reloads	£4.99
Star LC24 Range 5 black reloads	£9.99
Seikosha 1900/2400/SL95/96 5 black reloads	£9.99
Epson FX80/LQ800 Range 5 black reloads	£11.95

T-SHIRT PRINTING RIBBONS

PRINT ON NORMAL PAPER IRON ON T-SHIRT

4 Colour Citizen Swift/ABC/240	£19.99
4 Colour Citizen Swift (Reload)	£9.99
4 Colour Star LC10	£9.99
4 Colour Star LC200 9 Pin	£12.99
4 Colour Star LC200 9 Pin (Reload)	£7.99
4 Colour Star LC200 24 Pin	£19.99
4 Colour Star 24 Pin (Reload)	£9.99
1 Colour Star LC10	£9.99
1 Colour Star LC200 9 Pin	£9.99
1 Colour all Star 24 Pin	£9.99
1 Colour Epson FX80/LQ400/MX80	£9.99
1 Colour Epson LX80	£9.99
1 Colour Epson FX100	£9.99
1 Colour Panasonic KXP 1080	£9.99

Wide range of other ribbons available.

How to order: Enclose cheques/PO made payable to: CARE ELECTRONICS or use Access/Visa

CARE ELECTRONICS

Dept CUA, 15 Holland Gardens, Garston, Watford, Herts WD2 6JN Fax 0923 672102

ORDER LINE ON 01923 894 064

ALL PRICES INCLUDE VAT AND CARRIAGE

EVERGLADE

10 High Street, Nairn IV12 4BJ
TEL/FAX: 01667 454933

AMIGA DISCOUNT SOFTWARE

AMIGA

EPIC	£12.99
Hoyles Book of Games Vol 2	£10.99
Hoyles Book of Games Vol 3	£10.99
Microprose Grand Prix	£10.99
Monkey Island	£12.99
Police Quest	£12.99
Police Quest 2	£12.99
Police Quest 3	£12.99
Another World	£12.99
Sooty & Sweep	£4.99
Heavy Metal	£4.99
S.T.U.N Runner	£4.99
Postman Pat 1	£4.99
Matrix Marauders	£4.99
Knight Force	£4.99
Nevermind	£4.99
License to Kill - 007	£4.99
Galaxy Force	£4.99
Count Ducula 2/Asteroids	£4.99
Mayday Squad Heroes	£4.99
Captain Fizz meets the Blasterons	£4.99
Ninja Rabbits	£4.99
Gemini Wing	£4.99
Scramble Spirits	£4.99
Strike Force Harrier	£4.99
Gazza's Super Soccer	£5.99
Blazing Thunder	£4.99
Baal	£4.99
Populous 2	£12.99
Buffalo Bill's Rodeo Games Knife Throwing / Trick Shooting / Bronco Riding / Stage Coach / Rescue / Calf Roping /Steer Wrestling.	£6.99
Mercenary	£6.99
Andre Agassi Tennis	£18.99
Another World	£10.99
Archer Mclean's Pool	£10.99
Bubble & Squeak	£12.99
Breach 3	£25.99
Campaign	£9.95
Championship Manager 2	£18.99
Chaos Engine 2	£19.99
Colossus Chess X	£6.95
Carrier Command	£4.99
Dune 1	£12.95
Dune 2	£12.95
Embryo	£9.99
Evasive Action	£18.99
F-15 Strike Eagle II (1 Mb)	£12.95
Worms	£17.99

AMIGA 1200

Adventures of Robin Hood	£10.99
Alien Breed 3D	£19.99
Another World	£12.79
Andre Agassi Tennis	£19.99
Arcade Pool	£8.99
Archer Mclean Pool	£10.95
Campaign	£9.95
Chess	£19.99
Desert Strike	£10.95
Dune 1	£12.95
Dune 2	£12.95
Dungeon Master 2	£24.99
Elite 2- Frontier	£10.99
Embryo	£9.99
Exile	£19.99
F-15 Strike Eagle II	£12.95
Fears	£19.99
First Encounters-Elite 3	£19.99
Kings Quest II-Romancing the Stone	£10.99
Leading Lap	£19.99
Links - The Challenge of Golf	£14.99
Monkey Island 2-Le Chuck's Revenge	£12.99
Hook	£7.99
Obsession (A1200)	£24.95
Pole Position	£19.99
F29 Retaliator	£10.99
Flight of the Amazon Queen	£19.99
Final Over	£10.99
Hook	£7.99
Jungle Strike	£12.95
Kings Quest II-Romancing the Stone	£10.99
Links-The Challenge of Golf(1Mb)HD	£12.99
N.B.A Jam T.E	£19.99
Obsession	£21.95
PGA Tour Golf	£12.95
Player Manager 2	£13.99
Robinsons Requim	£12.99
Road Rash	£10.99
Rugby League Boss	£10.99
Sensible Golf	£18.95
Simon the Sorcerer 2	£20.99
Star Crusader	£19.99
Striker	£6.99
Supremacy	£10.95
Temptris	£8.99
The Adventures of Robin Hood	£10.99
Tiny Troops	£19.99
Total Football	£19.99
Tracksuit Manager 94/95	£17.99
Treble Champions 2	£12.99
Turbo Trax	£17.99
Wing Commander	£12.99
Primal Rage	£19.99
Ryder Cup Golf	£12.99
Sensible Golf	£18.95
Simon the Sorcerer 2	£29.99
Star Crusader	£19.99
Striker	£6.99
Superloopz	£12.99
Supermacy	£10.95
Turbo Trax	£17.99
Sensible World of Soccer	£18.99
Pinball Illusions	£18.99
Valhalla	£19.99

CD32

Alien Breed 3D	£18.99
Andre Agassi Tennis	£18.99
Fears	£18.99
First Encounter / Elite 3	£18.49
Simon the Sorcerer 2	£24.99
Super Streetfighter 2	£21.99
Worms	£18.49

AMIGA ACCESSORIES

Mock-E-Mouse / Cybershot Twin Pack	£14.75

Mock-E-Mouse gives joystick control to all mouse functions, Cybershot converts any standard Amiga joystick into a 'Deadly Autofire Stick', Fully Amiga Compatible.

DUST COVERS

A1200	£3.95
CD32	£3.95

DISKS

10	£3.50

CABLES

Replacement TV cable (All Amigas inc. CD32)	£2.95

JOYSTICKS

Cheetah 125+	£7.99

MICE

Alfa-Data 400Dpi Mouse	£12.95

AMIGA COMPUTERS

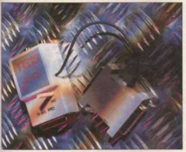
A1200	£399.99
A1200 with Hard Drive	£499.99

ITEMS SUBJECT TO AVAILABILITY. P&P is FREE. Europe add £2 per title. Rest of World add £3.50 per title.
ACCESS and VISA NOW ACCEPTED.

Technosound Turbo 2 Pro

■ **Price: £39.99 (8-bit model) £49.99 (12-bit upgrade)** ■ **Supplier: New Dimensions ✆ 01291 690 933**

If you want to grab your own samples with our AudioMaster IV cover disk you'll need a sampler cartridge. How about Technosound Turbo 2 Pro?

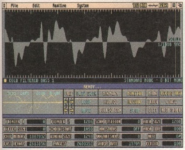

▲ The 12-bit Technosound cartridge draws power from the disk drive port, and also features an input volume control.

Technosound is quite possibly the Amiga's most well known sampler. It's been around for years, with a series of updates extending its name to the impressive title of Technosound Turbo 2 Pro. This latest incarnation is available in the standard 8-bit configuration, with the option of a 12-bit add-on for an extra £49.95.

For the benefit of anyone new to Technosound, the system is a combination of hardware and software, compatible with all Amigas. The hardware part is a cartridge that plugs into the parallel port. While the 12-bit add-on has a cable that plugs into the serial port from which it draws its power supply. There's a through-port included so that further devices can be plugged, so once connected you don't have to unplug it every time you want to hook-up something else. The 12-bit cartridge also has an input volume control. A stereo mini-jack to stereo phono lead is also included. On the software side, all of the sampling, effects, editing and sequencing is controlled from a single program.

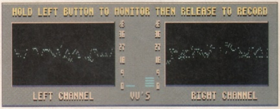
Getting started

Before we jump into the details of the software, here's a word of warning. The hard drive installer script assumes you want the whole Technosound disk copied over to your boot partition. So the best way to install the program is to manually copy the files to your chosen hard drive destination. Right then, on with the show.



▲ The two boxes below the 'Cold Filtered Bass 1' sample name are close-ups of the sample, used for more accurate looping and cutting.

Technosound uses the familiar sampler screen layout with the waveform filling the top half of the screen, and the bottom half taken up with a bank of buttons and status boxes. Sampling your first sound is easy enough, but not as simple as it should be. The first thing to do whenever you take a sample is set the volume to an optimum level. There's a spectrum analyser which looks pretty, but is actually useless because there are no calibrations on the graph to tell you when a maximum signal level has been reached. You can listen to the incoming sound or use the twin oscilloscopes and the level meters, but you can't do both at once, which makes cuing up your sound source more awkward than it needs to be.



▲ Monitoring the incoming sound is essential for accurate recording at the optimum volume level, although it's a shame the software doesn't offer simultaneous aural and visual monitoring.

The sample rate has to be set using a fiddly slider, as there's no way of entering the rate directly from the keyboard. Once you've got your sample in memory, editing it is fairly straightforward. The left and right mouse buttons are used to define areas of the sample to be cut and pasted, and the filled-wave style of displaying the sample is nice and clear. Zooming in on specific areas is vital for precise editing, but the highest zoom factor available in the main window is one pixel per byte (unlike *OctaMED*'s sample editor for example, which allows finer magnification). This little problem

Editing Effects

One of the most important areas of any sampling software is the editing effects menu. Quite often your samples will need processing, to clean them up or to customise them. Technosound offers all the usual cut and paste features, along with a few of special effects.

The best tool for cleaning up sounds is the filtering section. With the help of some scientific-looking frequency graphs, this offers precise filtering of specific frequencies using the Butterworth and Chebyshev algorithms. This is Technosound's trump card in the editing game, and even though it's made over-complicated by the presentation, it's a very useful feature.

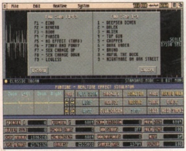
The rest of the effects include a phaser, user-definable echoes and delays, amplification with automatic clipping detection, re-pitching in quarter note steps, compression to halve the size of the sample, reversal and vertical flipping of the wave. There are also functions to convert to and from 8 and 12-bit samples. While it has the basics covered, some more creative effects would have been welcomed.

Realtime Effects

When you're not using Technosound as a sampler, you can put it to good use as an effects module. Sound is passed through the sampler, altered by the chosen effect and pumped back out through the Amiga's audio jacks. Unfortunately the effects don't work in 12-bit mode, but the 8-bit signal is clean enough. On the menu we have: phaser, echo, delay, stereo sweep, synthesis, pitch up and pitch down. These can all be adjusted, and come with a few presets that can be cycled through. The phaser is good enough to be used on semi-professional productions, and the delays could be useful with some external high frequency filtering to mask the inevitable noise. 8-bit resolution isn't really sufficient for echo effects, because the sound to noise ratio is not too hot on the quiet echoed parts.

It's worth remembering that these realtime effects cannot be used at the same time as any other tracker program, such Technosound's tracker or *OctaMED*, as the sound channels are all tied up generating the effects. If you did want to use these effects to process your modules, the best option is to use two Amigas – one to play the music and one to handle the effects.

A feature that has helped endear Technosound to the masses is its 'Funtime' effects menu. An impressive array of 18 voice-changing effects are available – just plug in your microphone and start singing. There's echo and reverb, dalek and alien impressions, sex changes, and plenty more. Most of them change the pitch of your voice, and are stacks of fun. Try creating feedback for some wild frequencies!



▲ The realtime effects section (see panel above) offers a variety of ways to alter sound in realtime, some useful, some just for fun.

is helped out by a special pair of zoom windows that can be called up in place of the spectrum analyser. Using the arrow buttons, you can move back and forward through the wave in steps of eight bytes, which is precise enough for most applications. Although if you really need super smooth loops you may still be left wanting. These zoom windows are the only way of seeing if your sampled wave is 'clipping' (reaching the maximum volume level), because the main sample window is actually taller than the sample wave, giving the impression that you still have some headroom left, when in fact you are already at the maximum level. If all you want to do is sample some sounds and play around with them, this sort of thing isn't a problem, but serious musicians concerned with optimum sound quality will find this frustrating.

Another quirk of the waveform display crops up when working with very small samples. For example, a short sound such as a closed high hat cymbal or a rimshot will not show up at all on the main sample wave window.

You've probably guessed by now that Technosound doesn't use a standard interface. Its own is similar to the Amiga's windows and menus system, but inferior in many ways, with irritating inconsistencies. For example, the 'minimise' and 'quit' gadgets on the menu bar do absolutely nothing – they're just there for show! Likewise, it's impossible to click in the status boxes to change their values as you would with any standard Amiga program.

The 12-bit option

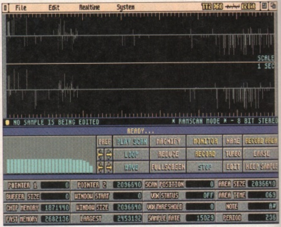
For an extra £50 or so you can upgrade to the 12-bit version. Although you won't be able to use 12-bit samples directly with most trackers and sequencers, you can play them back from the Technosound software. Unfortunately, neither the tracker, sequencer, MIDI module, hard disk record nor realtime effects features work in 12-bit mode. This is a great shame, as these would have made the 12-bit option far more useful. As it is, it's really only worth using the 12-bit sampling to create better quality 8-bit sounds. Sampling in 12-bit and downgrading to 8-bit should produce finer quality sound. With the price approaching £90, it's nosing its way into territory occupied by HiSoft's Aura (at around £100). Aura is only available for PCM-CIA-equipped Amigas, but it has the advantage of software support from *OctaMED* and superior host software.

Conclusion

If this was to be rated on sheer number of features, then it would be up there in the 90% region. Boasting such delights as direct hard drive recording, a built-in tracker, MIDI module emulation, a cue-list sequencer, stereo sampling at rates far higher than CD, a 12-bit option and plenty more, on paper it certainly sounds like a killer system.

While the sound quality is fine, if you take time to eliminate interference from other appliances, Technosound is still held back by awkward working methods that should have been overhauled years ago. ■

Tony Horgan



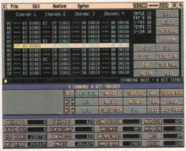
NO SAMPLE IS BEING EDITED
* RAMSCAN MODE * - 8 BIT STEREO

POINTER 1 0
POINTER 2 2096640
SCAN POSITION 0
AREA SIZE 2096640
BUFFER SIZE 0
WINDOW START 0
VOX STATUS OFF
AREA TIME 063
CHIP MEMORY 1871440
WINDOW SIZE 2096640
VOX THRESHOLD 0
NOTE A#
FAST MEMORY 2682136
LARGEST 2453192
SAMPLE RATE 15029
PERIOD 236

▲ The ramscan feature allows samples used by previously loaded programs to be taken directly from memory, edited and saved back out as IFF files for future use.

Techno Tracker

There's also a tracker section built into the main program. This works pretty much like most other trackers (ProTracker, OctaMED etc) but in a simplified form. Up to four samples can be played at once, and the traditional vertically scrolling numerical block display is used to enter notes from the keyboard. Strangely, the tracker song modules that it creates do not conform to the tracker file standard, so you can't load them into any other software packages. Even so, it's useful to have on hand to use as a scratch pad for jotting down any ideas which spring to mind.



▲ The built-in tracker sequencer is handy for jotting down ideas, but unfortunately is incompatible with other tracker programs.

TECHNOSOUND TURBO 2

A500
A500+
A600
A1200
A1500
A2000
A3000
A4000

system requirements:
Any Amiga with 1Mb RAM or more.

ease of use.......................60%
Pokey GUI with some awkward controls.

performance 70%
Sound quality is OK with a bit of work.

value for money.......80%/65%
A fair price for the 8-bit system - 12-bit option is not too inviting.

OVERALL
Lots of features marred by a dated interface.
69%

SCALE
1 SEC
IT STEREO
ECORD AREA
ERASE
EEP SAMPLE
2096640
069
A#
236
om memory.

pied by
£100).
PCM-
t it has
e sup-
superior

sheer
it would
gion.
direct
ilt-in
lation, a
sam-
an CD, a
more, on
like a

y is fine,
ate inter-
nces,
back by
ds that
uled

BO 2
s:
r more.
......60%
rd controls.
......70%
t of work.
80%/65%
em - 12-bit
69%

EPIC MARKETING
AMIGA SOFTWARE

A powerfull set of cataloging tools. Catalogue your Record, CD, Video and disk collection with ease, and search on any aspect or field. Suitable for use with Kickstart 2 & 3 only.
Only £5.00

CTG5-3. CATALOGUERS

Dozens of easy to follow recipies.
If your a budding Ian Beele or Floyd then this gourmett cookbook is just the thing for you. You'll be a professional in no time.
(Be sure you test your cooking on your In-laws first!) Only £3.00

GCB3-1. GOURMET COOKBOOK

Now the weather is Okay it's time to put on your shorts and dig the garden. Now the best way to get out of doing this is to use the excuss that you are far to busy designing the garden to actual do it!.
Only £3.00

GRN3-1. 3D GARDEN DESIGNER

There are over 1000 Amiga viruses currently "doing the rounds". So catching one isnt a hard thing to do. This collection of Virus killers is updated regularly, So you can be sure you'll be able to detect and kill all known viruses.
Only £4.00

VP4-2. VIRUS KILLERS

If you've got a tempremental Amiga the The Engineers Kit is what you need. You can test your Drives, Your Hard disk, Memory, Keyboard, Sound chips, graphics chips, Mouse, joysticks etc....
Only £3.00

ENK3-1. ENGINEERS KIT

Play hundreds of classic Spectrum 48 games on your Amiga. This very easy to use Emulator will run on every Amiga. The faster your machine the faster/smoother the games run..... Games include: Skool daze, Manic miner, Little computer people, Monty mole, Startrek, The Sentinal, etc...

Pack1. (SPE5-3) **Speccy em & 50 games.** Only £5.00
Pack2. (SPG15-7) **100 classic games.** Only £15.00
Pack3. (SPG35-33) **400 classic games.** Only £35.00
Pack4. (SEH40-1) **Speccy em, 50 games and tape deck interface.** £40

SPECCY EMULATORS

Centrefold Squares is an original Adult puzzle game featuring digitized graphics. At this price, don't miss it.
Only £5.00

CFS5-1. CENTREFOLD SQUARES

A huge collection of top quality professionally finished 3D Lightwave objects. Includes : Soul Hunter, Delta fighter, Vorlon space craft, B5 Station, 2 jumpgates, Nebular space dust and more. Requires Lightware.
Only £7.00

BFO7-4. BABYLON 5 OBJECTS

Every Amiga Emulator includes emulators for : Gameboy, Commodore 64, Commodore VIC20, Various IBM emulators, Spectrum emulators, Sinclair QL, Atari ST etc.
Only £5.00

EP5-3. EVERY EMULATOR

100 high quality Amiga Bitmap fonts. Suitable for use with almost any Amiga package, Including DPaint, Workbench, etc
Font sizes start at 6pt upto 50pt.
Only £7.00

NT7-3. FANTASTIC FONTS

Amiga Power tools includes dozens of the most usefull & most powerfull utilities available. Virus killer, text editor, Menu maker, Sound & grapghis tools, and loads more.
Requires Workbench 2 or 3.
Only £5.00

TC5-2. AMIGA POWER TOOLS

Our Catalogue disk contains information on over 4000 public domain disks, CD-ROM titles, Packs, and ordering information.
Only £1.00

AT1-1. CATALOGUE DISK.

Professional graphics converters, can convert graphics between the Amiga, PC, Mac & Atari ST. Supports GIF, TIF, IFF, PCX, BMP etc. Kickstart 2 or recommended.
Only £5.00

☐GFC5-2. GRAPHICS CONVERTERS

Little Office consists of a powerfull Wordprocessing package, a spell checker, A diary system, a name and address database, and a powerfull spreadsheet.
Compatible with all Amiga's but Workbench 2 or 3 is recommended. Only £7.00

☐IFC7-3. LITTLE OFFICE

If you like a little flutter now and then but don't like loosing *real* money the this is for you. The Amiga Betting shop contains four great gambling games. Roulette, Fuit machine sim, Horse racing etc.
Only £6.00

☐ABS6-4. AMIGA BETTING SHOP

Girls, Girls, Girls is packed with full colour "GIRLY " pictures. all AGA 256 colours, suitable for the A1200 or A4000.
Only £6.00

☐GRL6-3. GIRLS, GIRLS, GIRLS

Over 130 top quality colour images from the Lion King cartoon film. Each image is stored as ready to use IFF so can be imported into ANY paint or Desktop publishing package.
Only £6.00

☐LKA6-3. LION KING CLIPART

The disk doubler can liturally double the space available on your hardisk. If you've got an 80mb drive you'll end up with over 130mb. If you've got a 320mb drive you'll end up with over 1/2gig hard disk.
Only £5.00

☐EPU5-2. DISK DOUBLER

The Professional mono clipart collection consists of 10 disks featuring hundreds of VERY high quality mono images. All the most popular subjects are included like: Xmas, Animals, Transport, People, Eyecatchers etc. Only £13.00

☐GFX13-10. PRO. MONO CLIPART

The Ultimate Chess & Tutor, suitable for any 2mb+ Amiga. Contains tons of Inbuilt speech, and great graphics. Suitable for the learner of semi-pro.
Only £4.00

☐JIT4-1. CHESS & TUTOR

With this language tutor you could learn to speak either SPANISH, FRENCH, GERMAN, ITALIAN OR JAPANESE. Easy to use, and easy to understand????
Only £8.00

☐LTP8-4. LANGUAGE TUTORS

Hundreds of Very high quality professionally finished colour clip fonts for use in any Paint package. Excellent for Video work, demo making etc.
Only £5.00

☐CCF5-2. COLOUR CLIP FONTS

Get your finances in order with this unique collection of home finance software. Keep track of your monthly outgoings: Petrol, Gas, Electricity, Mortgage, Rent etc....
Only £7.00

☐FIN7-3. HOME FINANCE

Password protect you valuable Hard drive information with this extensive and easy to use Password and File encryption tool.
Only £10.00

☐PSW10-4. PASSWORD SYSTEM

Classic card games consists of around a dozen superb card games like Poker, Solitaire, Craps, Montana, Pontoon, Blackjack, Klondike, Spades, Golf, Rummy and more.....
Only £10.00

☐CRD10-4. CLASSIC CARD GAMES

A six disk collection of Video titling tools, video wipes, fonts, Video titlers, Subtitle generator, Video backdrops etc.....
Suitable for use stand-alone or inconjuction with Scala etc....
Only £12.00

☐VID12-6. VIDEO TITLING TOOLS

Around 100 scalable compugraphic fonts for use with Wordworth2&3, Pagestream, Workbench 2&3. High quality printout from 5point upto 100point.
Only £7.00

☐PSF7-3. COMPUGRAPHIC FONTS

Mono Pagesetter clipart contains hundreds of great mono clipart images for use in any version of Pagesetter. Subjects include: Animals, People, Transport, Hi-tech, Computers, Sports, etc....
Only £3.00

☐MPC3-1. MONO PAGESETTER CLIPS

Miscellanous colour clipart images. Around 100 in all covering: cats, dogs, cars, trees, planes, boats etc...
Suitable for use in any Paint or Desktop Publishing package.
Only £9.00

☐CCP9-5. COLOUR CLIPART

Magic Workbench is an inavative replacement Workbench. Gives you a completley new 8 colour updated Workbench. A hard disk is highly recommended. Various extras disks are available seperatly.
Only £3.00

☐MWB3-1. MAGIC WORKBENCH

An updated 2 disk version.... Contains dozens of DIY hardware kits, like how to fit your A1200 into a mini tower PC case, build your own sampler, memory expansion, CD32 Link lead etc, etc.
Only £4.00

☐HWP4-2. HARDWARE PROJECTS

Contains Three superb easy to use Typing tutors for the Amiga. Suitable for the complete beginner or anyone who at the moment types with one or two fingers...
Only £3.00

☐TYP3-1. TYPING TUTORS

News maker is a simple to use colour Desktop publishing package. Import your own graphics, text etc. Compatible with all popular printer makes.
Only £4.00

☐NRL4-1. NEWS MAKER

Basically this is a 3 disk compilation of tools which should really have been on Workbench. eg: Virus Killer, Fast text editor and displayer. Menu system, File manager, A few Workbench games and more.
Only £7.00

☐SCF7-3. STUFF COMMODORE FORGOT

A new replacement 2 disk Workbench that features: Startrek Icons, Backdrops, and amusing sound samples whenever you do anything wrong.
Only £5.00

☐TNG5-2. NEXT GENERATION WB

A collection of Lottery Winners. Help your self beat the Lottery with this superb disk.
Every week let your computer generate the Winning? numbers. If you play the Lottery then get this disk.......
Only £5.00

☐LWP5-1. LOTTERY WINNERS

A collection of over 100 popular and more unusual printer drivers. Supports the canon, Panasonic, Star, range of printers aswell as undreds more....
Very easy to use installation procedure.
Only £3.00

☐DRV3-1. PRINTER DRIVERS

Essential for Beginners is a collection of files essential for the smooth uninterupted use of your Amiga. All the most asked for libraries and Viewers are included like More, Muchmore, PPmore, etc
Only £2.00

☐EFB2-1. ESSENTIAL FOR BEGINNERS

A collection of essential hard drive maintenance tools. Like: disksalve 2, HDbackup, HD Menu system, Virus Checker, and dozens more.
Only £5.00

☐HDT5-2. HARDDISK TOOLS

If you've just got a new A1200 hard disk then to prep & install it correctly you'll need the correct software. This software comes supplied on 2 disks. The first preps & partitions your harddisk, the second install Workbench correctly. Only £7.00

☐AHD7-2. A1200 HARD DISK INSTALLER

An essential collection of disk recovery & salvage tools for Workbench 1.3, 2 & 3. Weather a floppy of your Harddisk has concieved an error this package will see you allright. Easy to use.
Only £5.00

☐DRT5-2. DISK RECOVERY TOOLS

Word finder Plus is the most powerfull AMiga crossword solver available to date. Can solve anagrams, crosswords etc. contains a dictionary of over 50,000 English words, and you can easily add your own.
Only £5.00

☐WFP5-2. WORD FINDER PLUS

A new two disk set of Workbench Girly bathing babes Backdrops all in 128 glorolus colours, suitable only for Workbench 3.
Only £5.00

☐WGB5-2. WORKBENCH BACKDROPS

Three Stratrek games. Includes: Startrek the Arcade game. Stratrek TNG, and the Original Startrek. Decompresses to SIX disks.
Only £6.00

☐STG6-3. STARTREK GAMES

Play poker with some of the most Common and unatractive woman in the World. Includes digitised graphics and speech.
for Over 18 only....
Only £10.00

☐DSP10-1. DELUXE STRIP POKER

Create your own fascinating 3D magic eye images with ease. This package includes The Random Dot Stereogram generator and a number of ready to use images.
Only £3.00

☐RDS3-1. MAGIC EYE KIT

Text Engione V4 is the easiest to use Wordprocessor package available on the Amiga. It even includes a compitent Spell check feature.
Suitable for all Amiga's.
Only £3.00

☐TXE3-1. TEXT ENGINE

Classic Board games includes Amiga variations of Scrabble, Monopoly, Cluedo, Backgammon, Chess, Othello, Tiles, Tic-Tac-Toe, Cribbage etc.
Only £10.00

☐BDG10-4. CLASSIC BOARD GAMES

Arcade classics V2 contains variations of classic games like: Space Invaders, Frogger, Missile command, Asteriods, Q-Berts, Omega race, Centrepede etc.
Suitable for any Amiga.
Only £5.00

☐ARC5-2. ARCADE CLASSICS 2

If you've just purchased your Amiga you may be a bit boggled how you use it properly. Well this five disk set take you through the CLI/Shell, Workbench step by step showing you every thing you need to know.
Only £9.00

☐ABG9-5. AMIGA BEGINNERS GUIDE

Startrek Magic Workbench backdrops.
An interesting 2 disk collection of Magic Workbench Startrek 8 colour backdrops.
If you love Startrek you'll love these.
Only £5.00

☐STB5-2. STARTREK MAGIC WB

PIC Marketing
ctoria Centre,
38 Victoria Rd,
windon, Wilts.
SN1 3BU. UK

Mail Order Hotline.
01793 490988
E MAIL epic@epma.demon.co.uk
Fax Order line. 01793 514187

The EPIC Collection *CD*

The EPIC Collection CD ROM contains all the above titles and hundreds more. All DMSed onto an inavative GOLD CD ROM which you can update..... (see our CD add for details) *CD100* £59.952

Available to buy Now!!!!

We are open Monday - Saturday 9:30am - 5:30pm. Cheques & Postal orders accepted. For UK orders please add a total of 50p. Overseas orders please add £1.00 per title. Most orders are sent within 48 hours. All titles work on all Amiga's unless stated. E&OE

Dept. CU995
Zone 1 Ltd.
PO BOX 69,
Stone,
Staffordshire.
ST15 8GH.

FREE CATALOGUE
Over **2,000** titles.

Zone 1
'the software people'

The price you see is the price you pay, VAT. P&P are **ALL** included.

Great prices, same day despatch, free gifts, regular prize draws.

Amiga

A0111	A-TRAIN & CONSTRUCTION SET	11.99
A0071	AIR BUCKS V1.2	11.99
A0232	ALIEN BREED SPECIAL EDITION	7.99
A0486	ALL TERRAIN RACER	16.99
A0123	ANOTHER WORLD	9.99
A0186	ARCADE POOL	6.99
A0137	ARCHER MCLEANS POOL	11.99
A0187	AWARD WINNERS 2	19.99
A0021	B-17 FLYING FORTRESS	11.99
A0159	BATTLE OF BRITAIN	12.49
A0894	BEAU JOLLY COMPILATION	22.99
A0107	BENEATH A STEEL SKY	22.99
A0387	BIRDS OF PREY	11.99
A0231	BLACK CRYPT	9.99
A0642	BODY BLOWS	9.99
A0161	BODY BLOWS GALACTIC	17.99
A0223	BRIAN THE LION	16.99
A0081	BUBBA N STIX	9.49
A0129	BUMP N BURN	19.99
A0314	CADAVER & PAY OFF	11.99
A0319	CANNON FODDER 2	19.99
A0317	CHAMPIONSHIP MGR ITALIA 95	15.99
A0183	CHAMP.MGR COMPENDIUM	17.99
A0705	CLASSIC COLLECTION(DELPHINE)	19.99
A0743	CLASSIC COLLECTION(LUCAS)	19.99
A0185	COMBAT CLASSICS 2	19.99
A0012	COMBAT CLASSICS 3	22.99
A0227	CORPORATION	9.99
A0318	CRYSTAL DRAGON	19.99
A0083	CURSE OF ENCHANTIA	11.99
A0304	DAWN PATROL	23.99
A0241	DEATH MASK	16.99
A0077	DESERT STRIKE	9.99
A0126	DISPOSABLE HERO	17.99
A0315	DOG FIGHT	12.49
A0230	DRAGONSTONE	19.99
A0167	DUNE	11.49
A0168	ELFMANIA	17.99
A0641	EMBRYO	17.99
A0131	EYE OF THE BEHOLDER 1	10.99
A0236	EYE OF THE BEHOLDER 2	10.99
A0135	F19 STEALTH FIGHTER	11.99
A0017	F29 RETALIATOR	9.99
A0051	FIFA INTERNATIONAL SOCCER	22.99
A0350	FIRST ENCOUNTERS	19.49
A0002	FLASHBACK	19.99
A0169	FOOTBALL GLORY	17.99
A0188	GRANDSLAM CLASSICS	13.99
A0413	GUNSHIP	9.99
A0084	HEIMDALL	7.99
A0085	HEIMDALL 2	22.99
A0312	HELP !	25.99
A0152	IMPOSSIBLE MISSION 2025	19.99
A0589	IND.JONES FO.ATLANTIS.(ACT)	6.99
A0141	IND.JONES FO.ATLANTIS.(ADV)	23.99
A0211	IND.JONES & THE LAST CRUSADE	11.99
A0028	ISHAR 3	21.99
A0416	JAGUAR XJ220	6.99
A0386	JUNGLE STRIKE	16.99
A0679	MIDWINTER	9.99
A0489	MIG29 SUPER FULCRUM	9.99
A0009	MORTAL KOMBAT 2	19.99
A0039	ON THE BALL LEAGUE EDITION	19.99
A0040	ON THE BALL WORLD CUP ED	19.99
A0501	PREMIER MANAGER 3	17.99
A0050	PGA EUROPEAN TOUR	17.99
A0257	PINBALL DREAMS/FANTASIES	22.99
A0249	PROJECT X	9.99
A0289	RAILROAD TYCOON	11.49
A0136	ROAD RASH	9.99
A0019	REACH FOR THE SKIES	11.49
A0566	SECRET OF MONKEY ISLAND 2	12.49
A0349	SENSIBLE WORLD OF SOCCER	19.99
A0010	SHADOW FIGHTER	16.99
A0209	SIMON THE SORCEROR	22.99
A0674	THEME PARK	22.99
A0647	TOWER ASSAULT	12.99
A0194	TRIPLE ACTION PACK VOL.6	9.99
A0108	VALHALLA & LORDS OF INFIN	19.99
A0229	UNIVERSE	12.99
A0351	VOYAGES OF DISCOVERY	19.99
A0041	WEMBLEY RUGBY LEAGUE	16.99
A0245	XENON 2	7.99
A0059	ZEEWOLF	19.99

Educational

A0309	ADI ENGLISH (14-15 YEARS)	16.99
A0310	ADI FRENCH (11-12 YEARS)	16.99
A0311	ADI FRENCH (12-13 YEARS)	16.99
A0313	ADI FRENCH (13-14 YEARS)	16.99
A0316	ADI FRENCH (14-15 YEARS)	16.99
A0323	ADI GCSE ENGLISH	22.99
A0324	ADI GCSE FRENCH	22.99
A0325	ADI GCSE MATHS	22.99
A0326	ADI JUNIOR COUNTING (4-5 YRS)	13.99
A0327	ADI JUNIOR READING (4-5 YRS)	13.99
A0225	FUN SCHOOL 2 (<6 YEARS)	6.49
A0226	FUN SCHOOL 2 (>8 YEARS)	6.49
A0332	FUN SCHOOL 3 (<5 YEARS)	13.99
A0331	FUN SCHOOL 3 (5-7 YEARS)	16.99
A0333	FUN SCHOOL 3 (>7 YEARS)	13.99
A0329	FUN SCHOOL 4 (<5 YEARS)	16.99
A0330	FUN SCHOOL 4 (5-7 YEARS)	16.99
A0328	FUN SCHOOL 4 (7-11 YEARS)	16.99
A0014	KID PIX	10.49
A0335	NODDYS BIG ADVENTURE	16.99
A0336	NODDYS PLAYTIME	16.99

Amiga 1200/4000

G0236	ALADDIN	19.99
G0004	ALL NEW WORLD OF LEMMINGS	19.99
G0054	BALDIES	19.99
G0052	BANSHEE	19.99
G0053	BIG RED ADVENTURE	24.99
G0047	BLOODNET	22.99
G0701	BODY BLOWS GALACTIC	19.99
G0055	BRUTAL:PAWS OF FURY	19.99
G0045	BRUTAL FOOTBALL DELUXE	13.99
G0038	BUBBLE & SQUEAK	19.99
G0046	BURNING RUBBER	16.99
G0006	BURNTIME	16.99
G0650	CIVILISATION	16.99
G0035	DENNIS	17.99
G0025	DETROIT	22.99
G0016	DREAMWEB	22.99
G0029	FIELDS OF GLORY	22.99
G0049	FIRST ENCOUNTERS	19.49
G0005	FOOTBALL GLORY	13.99
G0010	GUARDIAN	19.99
G0024	GUNSHIP 2000	22.99
G0026	HEIMDALL 2	22.99
G0050	HIGH SEAS TRADER	22.99
G0034	IMPOSSIBLE MISSION 2025	22.99
G0009	ISHAR 3	20.99
G0039	JAMES POND 3	19.99
G0048	JUNGLE STRIKE	17.99
G0017	KICK OFF 3	19.99
G0787	LION KING	19.99
G0027	LORDS OF THE REALM	22.99
G0019	ON THE BALL LEAGUE EDITION	20.99
G0020	ON THE BALL WORLD CUP ED	20.99
G0040	OUT TO LUNCH	16.99
G0022	PGA EUROPEAN TOUR	17.99
G0008	PINBALL ILLUSIONS	19.99
G0023	PREMIER MANAGER 3	16.99
G0109	RISE OF THE ROBOTS	27.99
G0001	ROADKILL	19.99
G0036	SECOND SAMURAI	19.99
G0110	SHADOW FIGHTER	17.99
G0002	SHAQ FU	17.99
G0014	SIM CITY 2000	22.99
G0011	SKELETON KREW	22.99
G0210	SUPER STARDUST	19.99
G0013	SUBWAR 2050	22.99
G0056	T.F.X	25.99
G0003	THEME PARK	22.99
G0033	TOP GEAR 2	16.99
G0037	TOWER ASSAULT	19.99
G0051	TOWER OF SOULS	19.99
G0030	U.F.O	22.99
G0057	ULTIMATE FOOTBALL MANAGER	21.99
G0021	WEMBLEY INTERNATIONAL SOCCER	16.99
G0113	ZOOL 2	17.99

C0601	ALIEN BREED SPECIAL/QWAK	16.99
C0003	ARCADE POOL	11.99
C0602	BANSHEE	19.99
C0007	BATTLECHESS	19.99
C0025	BATTLETOADS	16.99
C0033	BEAVERS	16.99
C0341	BENEATH A STEEL SKY	19.99
C0045	BRIAN THE LION	16.99
C0034	BRUTAL FOOTBALL	7.99
C0036	BUBBA N STIX/PREMIERE	13.99
C0041	BUBBLE & SQUEAK	19.99
C0023	BUMP & BURN	19.99
C0068	CANNON FODDER	19.99
C0066	CASTLES 2	19.99
C0005	CD EXCHANGE VOL.1	13.99
C0032	CHAMBERS OF SHAOLIN	16.99
C0037	CHUCK ROCK 1&2 TWIN PACK	13.99
C0502	DEATH MASK	19.99
C0051	DISPOSABLE HERO	19.99
C0031	DONK	19.99
C0049	DRAGONSTONE	19.99
C0057	ELITE 2	19.99
C0047	EMERALD MINES	11.49
C0011	FIELDS OF GLORY	19.99
C0022	FIRE AND ICE	16.99
C0058	GLOBAL EFFECT	7.99
C0552	GUARDIAN	19.99
C0040	GUNSHIP 2000	19.99
C0012	HEIMDALL 2	22.99
C0024	HUMANS 1&2	19.99
C0027	IMPOSSIBLE MISSION 2025	19.99
C0065	INT'L SENSIBLE SOCCER	16.99
C0044	JAMES POND 3	22.99
C0030	JET STRIKE	16.99
C0050	LEGACY OF SORASIL	19.99
C0632	LITIL DIVIL	17.99
C0544	LOST VIKINGS	19.99
C0010	PGA EUROPEAN TOUR	17.99
C0059	PINBALL FANTASIES	21.99
C0450	RISE OF THE ROBOTS	22.99
C0001	ROADKILL	19.99
C0019	SENSIBLE SOCCER	16.99
C0006	SIMON THE SORCEROR	22.99
C0700	SKELETON KREW	22.99
C0008	SUBWAR 2050	19.99
C0255	SUPER STARDUST	18.99
C0199	THEME PARK	23.99
C0580	TOWER ASSAULT	19.99
C0067	U.F.O	19.99
C0186	ULTIMATE BODY BLOWS	19.99
C0802	ZOOL 2	19.99

If you don't see what you want, please call, we probably stock it.
If you can find a better price, please call,we will try to **beat** it.

If we tell you that an item you order is in stock, and you don't get it within 10 days, it's **FREE.**

Our promise to **you**;
- We will try to beat any genuine offer.
- We keep hundreds of titles in stock.
- We never surcharge credit/debit cards.
- Cards only charged **after** goods are sent.
- We are always friendly & helpful.
- We are available 9am to 9pm every day.
- We never mislead you about our stocks.
- We never quibble about returns.

Optional membership scheme;
- Bi-monthly catalogue & disk.
- Money saving discount vouchers.
- Bonus point scheme.
- Monthly prize draw.
- Free competitions & more.....

Membership Rates

	UK	EEC	WORLD
FULL YEAR	£7.00	£11.00	£14.00
HALF YEAR	£4.00	£6.00	£8.00

Call our sales hotline **now** (9am to 9pm).

☎ 01785 813355 ☎

Prices correct at time of going to press (15.9.95). E.& O.E.
Prices and offers may change without notice. Some items may not be available at time of ordering.
Zone 1 Ltd. Dresden House, The Strand, Longton, Stoke-on-Trent, Staffordshire. ST3 2PD.

FREE FREE
GAMES CHEATS 1.4 EMULATOR
ON ALL ORDERS

P D
UNDERGROUND

FREE FREE
LIBRARY DISK POST & PACK
ON ALL ORDERS

PLATFORM GAMES
- ☐ 998 LEMMINGS T.R.W
- ☐ 1017 GLASSBACK V2
- ☐ 020 LEMMINGS ARCADE
- ☐ 064 ICE RUNNER
- ☐ 791 DOCTORS STRANGE
- ☐ 715 SUPER BLUE KID
- ☐ 188 CRAZY SUE V2
- ☐ 711 WALLYWORLD 2 DISK
- ☐ 961 JUDGEMENT DAY
- ☐ 1036 A12 NEOQUICK

SPACE BLASTERS
- ☐ 911 SOLO ASSAULT
- ☐ 906 OBLITERATOR
- ☐ 031 OBLIVION
- ☐ 805 TRANS-PLANT
- ☐ 498 THE LAST REFUGE
- ☐ 596 GORF INVADERS
- ☐ 343 CYBERNETICS
- ☐ 972 GALAGA V2.4
- ☐ 548 CAFFEINE FREE
- ☐ 1139 TRACER NOT 1.3

ARCADE GAMES
- ☐ 555 HUGO V2.5 DISK
- ☐ 875 MISSILES 2 DISK
- ☐ 976 BEAVIS & BUTTHEAD
- ☐ 429 ZOMBIES APOCAL
- ☐ 870 ROCKETZ A1200
- ☐ 975 SUICIDE MACHINE
- ☐ 273 KELLOGS EXPRESS
- ☐ 912 RUDOLF-SANTA
- ☐ 916 GAME HOI A1200
- ☐ 1052 CHAR V1
- ☐ 1062 M.A.S.H

P.D. VERSIONS
- ☐ 025 HUNTER PLUS
- ☐ 477 CADAVA-VENUS FLY
- ☐ 022 GODS-T/MACHINE
- ☐ 026 ROBOCOP-T/RECALL
- ☐ 522 OSCAR CD A1200
- ☐ 815 LEMMINGS PACK
- ☐ 023 RICK DANGEROUS
- ☐ 472 TETRIS GAMEBOY

COMBAT GAMES
- ☐ 941 FATAL BLOWS
- ☐ 938 MARTIAL SPIRIT
- ☐ 290 FIGHT WARRIORS
- ☐ 930 A.B.H A12 6 DISK
- ☐ 492 KARATE WARRIORS
- ☐ 1068 2DSK CYBERGAME

CLASSIC GAMES
- ☐ 011 ASTEROIDS
- ☐ 693 MISSILE COMMAND
- ☐ 778 OVERLANDER
- ☐ 692 SPACE INVADERS
- ☐ 841 COOKIE
- ☐ 308 DONKEY KONG

DRIVING GAMES
- ☐ 969 MANG-FEND NOT 1.3
- ☐ 974 F1 EDITOR 94/5
- ☐ 951 FLAMMING ENGINES
- ☐ 469 THE ROAD TO HELL
- ☐ 735 AUTOMOBILES
- ☐ 613 HIGH OCTANE 2
- ☐ 682 MOOSE DRIVE
- ☐ 1072 SUPER DRIVER
- ☐ 1059 MANSELL NOT 1.3
- ☐ 1057 A12 TURBOJA
- ☐ 1055 2DK HYPERACE A12
- ☐ 1065 SKIDMARKS V2
- ☐ 1132 A12 LAST LAP

SIMULATORS
- ☐ 1008 7DSK TOM CAT H/D
- ☐ 926 HELICOPTER
- ☐ 332 SEALANCE-SUB
- ☐ 811 CAR MANIACS
- ☐ 544 AIR WARRIOR
- ☐ 333 BATTLE CARS V2
- ☐ 1133 M.F. TANKS

SPORT GAMES
- ☐ 1014 CRAZY GOLF
- ☐ 366 GOLF 18TH 2 DISK
- ☐ 822 CRICKET AMOS V2
- ☐ 630 TEN PIN BOWLING
- ☐ 104 FUTURE FOOTBALL
- ☐ 686 SPORT CHALLENGE

HINTS & CHEATS
- ☐ 1000 S.M.G.T.C. 95
- ☐ 418 1000 CHEATS
- ☐ 931 BACKDOOR V3
- ☐ 821 PASSWORD MANIA
- ☐ 813 GAME TAMER V4.5
- ☐ 820 MEGA CHEATS
- ☐ 681 SIERRA SOLUTIONS
- ☐ 019 GAME TAMER V2.3
- ☐ 1118 UP TO DATE V1
- ☐ 1143 NOSTROMO V5

OVER 18 GAMES
- ☐ 997 2 DSK ADVENT V1
- ☐ 1001 2 DSK ADVENT V2
- ☐ 101 TERROR LINER V1
- ☐ 712 TERROR LINER V2
- ☐ 1081 ADULT TETRIS
- ☐ 1145 ADULT NUMBERS

TETRIS - COLUMNS
- ☐ 294 KLACK-TRIS COLMS
- ☐ 107 TWIN-TRIS TETRIS
- ☐ 390 DIZZY DIAMONDS
- ☐ 293 DR. MARIO COLMS
- ☐ 617 NUMBER-TRIS
- ☐ 964 TEAM-TETRIS
- ☐ 626 MEGA-BLOX TETRIS
- ☐ 013 TET-TREN TETRIS
- ☐ 597 TETRIS PRO
- ☐ 611 HOT-BLOX TETRIS
- ☐ 657 ZYNX COLUMNS
- ☐ 1074 STATIX NOT 1.3

PAC-MAN GAMES
- ☐ 230 SUPER PAC MAN
- ☐ 102 LADYBUG PAC MAN
- ☐ 008 ORIGINAL PAC MAN
- ☐ 592 PAC MAN RETURNS
- ☐ 252 YUM YUM PAC MAN
- ☐ 397 DELUXE PAC MAN
- ☐ 1070 PLATMAN NOT 1.3
- ☐ 1096 PUC MAN
- ☐ 1138 A12 CYBER MAN

BREAK-OUT & PONG
- ☐ 003 MEGABALL V1
- ☐ 459 MEGABALL V2
- ☐ 559 MEGABALL V3 NOA5
- ☐ 007 BATTLE PONG
- ☐ 421 REBOUNDER PONG

BOULDERDASH GAMES
- ☐ 731 HAUNTED MINES
- ☐ 254 EMERALD MINES
- ☐ 121 MARATHON MILES
- ☐ 351 ROYAL MINES
- ☐ 391 DIZZY LIZZY MINES
- ☐ 718 C64 BOULDERDASH
- ☐ 480 BLUE DIAMONDS

PUB-CLUB GAMES
- ☐ 560 WORLD DARTS
- ☐ 598 PIN BALL NOT 1.3
- ☐ 222 FRUIT MACHINE
- ☐ 932 MEGA FRUITS
- ☐ 010 POKER ARCADE
- ☐ 375 CARDS SOLITAIRE
- ☐ 1073 CARDS PACK
- ☐ 1140 A12 BLACKJACK 3DK

BOARD GAMES
- ☐ 910 NEW MONOPOLY STAT
- ☐ 032 MONOPOLY USA
- ☐ 631 SCRABBLE
- ☐ 296 RISK (GLOBE-WAR)
- ☐ 015 WAR ANIMATED
- ☐ 476 CHESS GAMES

ADVENTURE GAMES
- ☐ 1038 SEED OF DARKNESS
- ☐ 1018 MORIA VERSION 3
- ☐ 1019 ADVENTURE GAMES
- ☐ 116 STAR TREK 2 DISK
- ☐ 877 BLACK DAWN V2
- ☐ 297 NEIGHBOURS 2 DISK
- ☐ 962 FEARS A1200 DOOM
- ☐ 954 D.O.N A1200 3 DISK
- ☐ 1136 A12 FEARS V2

STRATEGY GAMES
- ☐ 967 COL-CON V2 NOT 1.3
- ☐ 968 KINGDOMS AT WAR
- ☐ 810 TASK FORCE
- ☐ 876 GLOBAL NUKE WAR
- ☐ 826 IND-ESPIONAGE

PUZZLER GAMES
- ☐ 953 CHANEQUE 2 DISK
- ☐ 914 JINX A1200 2 DISK
- ☐ 859 TEN PUZZLES NOA12
- ☐ 250 RUBIX CUDE-ULOUS
- ☐ 374 ESC-CASTLE KUMQAT
- ☐ 1135 SPRING TIME

MANAGER GAMES
- ☐ 868 THE SUPER LEAGUE
- ☐ 876 SCOTTISH LEAGUE
- ☐ 310 TOP OF THE LEAGUE
- ☐ 668 USA 94 SOCCER CDS
- ☐ 404 METROS MANAGER
- ☐ 321 AIRPORT
- ☐ 322 MICRO MARKET
- ☐ 443 SLAM BALL
- ☐ 817 BLOOD BALL

QUIZ GAMES
- ☐ 1033 TAZ QUIZ NOT 1.3
- ☐ 1031 TREK TRIV 5 DISK
- ☐ 716 POP MUSIC QUIZ
- ☐ 309 THE QUIZ MASTER
- ☐ 462 WHEEL OF FORTUNE
- ☐ 991 TREK TRIVIA 2 DISK

LOGIC GAMES
- ☐ 1037 MARBLES GAME
- ☐ 1035 ATOMIC GAME
- ☐ 603 EXIT 13
- ☐ 442 REVERSI V2
- ☐ 119 DRAGON'S TITLES
- ☐ 112 DRAGON'S CAVE
- ☐ 323 OXYD LOGIC
- ☐ 530 OTHELLO

AMIGA LEISURE
- ☐ 1006 TEN PIN EDITOR
- ☐ 1027 COP THE LOT PRO
- ☐ 444 GOLF DATABASE
- ☐ 940 LOTTERY WINNER
- ☐ 205 AMIGA PUNTER
- ☐ 228 PERM CHECKER
- ☐ 886 LEAGUE EDITOR

A1200 MEGA DEMOS
- ☐ 1010 ROOTS 18
- ☐ 995 ZOOT JE
- ☐ 624 2 DISK SNAKE RIDE
- ☐ 782 COMPLEX REALITY
- ☐ 963 2 DISK SWITCHBACK
- ☐ 1114 AGA FUDGE
- ☐ 1087 SHAKKA LAKKA
- ☐ 1130 ROOTS 18 V2
- ☐ 1146 FULL MOON

AMIGA MEGADEMOS
- ☐ 1010 TAZ GAS NOT 1.3
- ☐ 460 TEKNO RAVE
- ☐ 217 MEGA ALCATRAZ
- ☐ 269 DIGI INNOVATION
- ☐ 449 2 DISK 9 FINGERS
- ☐ 262 2 DISK PREDATORS
- ☐ 267 REBELS MEGADEMO
- ☐ 1015 2DSK TAZ QUEEN
- ☐ 1120 2DSK TAZ QUEEN 2
- ☐ 1104 2DSK OXYGENE
- ☐ 1084 ASCII NOT 1.3

A1200 SLIDE SHOWS
- ☐ 740 4 DISK MANGA
- ☐ 507 5 DISK WEIRD/SCI
- ☐ 760 2 DISK KING TUT

AMIGA SLIDE SHOWS
- ☐ 704 REVELATIONS
- ☐ 061 PAT NAGEL'S GIRLS
- ☐ 918 ERIC'S GIRLS 2 DISK
- ☐ 936 AVIATION HISTORY
- ☐ 1111 5DSK BOLDLY GO
- ☐ 1060 5DSK LION KING
- ☐ 1040 3DSK AGA GLAMOUR

ARTWORK PACKAGE
- ☐ 465 KIDS PAINT
- ☐ 664 FUSION PAINT
- ☐ 063 ULTRAPAINT
- ☐ 349 SPECTRACOLOUR
- ☐ 748 ILLUSION PAINT

ARTWORK PROGRAMS
- ☐ 1026 JPEG GIF VIEWTEK
- ☐ 071 GRAPHICS CON KIT
- ☐ 070 GRAPHIC UTILS
- ☐ 133 FRAC LAND BUILD

ANIMATIONS
- ☐ 080 VIRTUAL WORLDS
- ☐ 084 PUGGS IN SPACE
- ☐ 233 COOL COUGAR
- ☐ 651 FAIRLIGHT 242
- ☐ 302 ODYSSEY 5D NOT A12
- ☐ 831 RED DWARF
- ☐ 475 BAIT MASKING
- ☐ 463 MR POTATO HEAD
- ☐ 474 MISS MAMISELLE A12
- ☐ 865 TAROT MASTER 2 DISK
- ☐ 861 AMY AT THE MOVIE
- ☐ 271 NEWTEK V2.2 DISK
- ☐ 347 NEWTEK V3 2 DISK
- ☐ 187 ANIMATION STUDIO

AMIGA VIDEO
- ☐ 329 VIDEO INSCRIPT
- ☐ 790 VIDEOTRACKER 5 DISK
- ☐ 148 S-MOOVIE

MUSIC MAKERS
- ☐ 220 FUNK KEYBOARDS
- ☐ 431 RAVE KEYBOARDS
- ☐ 661 MED WORKSHOP 4 DISK
- ☐ 202 MED V3.2
- ☐ 204 SOUNDTRACKER
- ☐ 729 DRUM MACHINE
- ☐ 787 SONIC DRUM KIT
- ☐ 866 OCTAMED TUTOR
- ☐ 738 OCTAMED V2
- ☐ 136 THE ART OF MED
- ☐ 192 THE COMPOSER
- ☐ 618 MUSIC DATABASE
- ☐ 981 AUDIO ENGINEER

CLASSIC-POP
- ☐ 1029 COTTONEYE SONG
- ☐ 201 PIANO CLASSICS
- ☐ 234 VIVALDI 2 DISK
- ☐ 342 AMIGA-DEUS
- ☐ 213 DIGI CONCERT V2
- ☐ 620 BAGPIPE MUSIC
- ☐ 750 DOOP DOOBY DOOP
- ☐ 248 EXPRESSION V2
- ☐ 473 RHYTHM'S DANCER
- ☐ 1147 7 DSK JUKEBOX

SAMPLES - MODS
- ☐ 660 KORG 01W 8 DISK
- ☐ 218 HOUSE 2 DISK
- ☐ 206 SELECTION 7 DISK
- ☐ 647 SOUND FX 3 DISK
- ☐ 619 DRUMS 2 DISK

AMIGA EMULATION
- ☐ 1005 TUDE NOT 1.3
- ☐ 891 B.B.C MICRO
- ☐ 423 2 DISK SPECTRUM
- ☐ 889 PC EM 2 DISK
- ☐ 327 ACTION REPLAY
- ☐ 300 RELOKICK 1.3
- ☐ 955 RELOKICK 1.4A
- ☐ 414 SKICK 1.3-3.0
- ☐ 378 A600 NUMBER PAD

DISK COPIERS
- ☐ 380 NIBBLER (NIB)
- ☐ 727 MULTI TASK (MT)
- ☐ 158 X.COPY PRO
- ☐ 357 COPY AND CRACK
- ☐ 325 LOCK PIPER V2
- ☐ 416 MAVERICK V5

HARD DRIVES
- ☐ 191 H/D CLICK MENU
- ☐ 501 R/D PREP A1200
- ☐ 779 W/B 3 INSTALL
- ☐ 780 W/B 2 INSTALL
- ☐ 621 H/D STACKER
- ☐ 665 MR BACK UP PRO
- ☐ 490 8 DISK MAGIC W/B
- ☐ 533 H/D SUPERLOCK
- ☐ 957 GAME INSTALL V2
- ☐ 1141 GAME INSTALL V3

PRINTING
- ☐ 065 AMIGA FONT 7 DISK
- ☐ 100 PRINTER DRIVERS
- ☐ 048 PRINTING STUDIO
- ☐ 345 BANNER MAKER
- ☐ 243 AWARD MAKERS 5 DISK
- ☐ 057 TEXT ENGINE V4
- ☐ 393 LABEL DESIGNER
- ☐ 394 INVOICE PRINT
- ☐ 437 EDWORD TEXT ED
- ☐ 749 FORM PRINTER

AMIGA BUSINESS
- ☐ 832 DATABASES 2 DISK
- ☐ 092 ACCOUNT MASTER
- ☐ 240 ADDRESS BOOK
- ☐ 691 DAILY DIARY
- ☐ 470 LITTLE OFFICE
- ☐ 244 SPREADSHEET
- ☐ 535 UK S.T.D CODES
- ☐ 1121 REM-DATE

COLOUR CLIPART
- ☐ 637 6 DISK COL/BRUSH
- ☐ 633 7 DISK CLIP ART
- ☐ 901 9 DISK WORLD MAP

MONO CLIP ART
- ☐ 172 15 DISK PORTFOLIO
- ☐ 558 7 DISK CLIP ART

AMIGA MODEM
- ☐ 702 COMMS TUTORIAL
- ☐ 413 N.COMMS V3
- ☐ 079 OPTICOMMS V2
- ☐ 690 TERM 2 DISK
- ☐ 801 DMS PRO
- ☐ 1085 TAZ BBS LIST
- ☐ 1032 MAX BBS PROG

PROGRAMMERS
- ☐ 288 A-BASIC TUTOR
- ☐ 190 PCQ PASCAL
- ☐ 362 C TUTOR 12 DISK
- ☐ 306 UNDERSTAND AMOS
- ☐ 722 TONS OF AMOS
- ☐ 1067 AGA DATATYPES

DO IT YOURSELF
- ☐ 1097 2DSK HELM
- ☐ 239 SLIDESHOW MAKER
- ☐ 381 ADVENTURE MAKER
- ☐ 808 MAKE A DISK
- ☐ 242 MENU MAKER
- ☐ 585 2 DISK PARNET
- ☐ 1154 HEDLEYGUIDE A12

VIRUS CONTROL
- ☐ 506 A1200 VIRUS
- ☐ 160 M.V.K PLUS
- ☐ 993 VIRUS Z

AMIGA UTILITIES
- ☐ 1030 A12 DIONIC TOOLS
- ☐ 612 4 DISK TOOL KIT

DISK & SYSTEM
- ☐ 166 SYSTEM TESTER
- ☐ 467 FILE UNDELETE
- ☐ 194 DISK OPTIMISE
- ☐ 356 ENGINEERS KIT
- ☐ 245 FIX DISK
- ☐ 168 HARDWARE MANUAL

AMIGA EDUCATION
- ☐ 766 GEOGRAPHY
- ☐ 532 MATHS 5 DISKS
- ☐ 644 ENGLISH 4 DISK
- ☐ 486 LANGUAGES 4 DISK
- ☐ 270 PLANETS 6 DISK
- ☐ 304 ENGINES 5 DISK
- ☐ 059 AMIGA TUTORIAL

DISK COST £1.25 EACH, NO MINIMUM ORDER, ALL VIRUS FREE AND USER FRIENDLY.
All games are on 1 disk and run on all Amiga's unless otherwise stated
PICK AN EXTRA DISK FOR FREE WITH EVERY EIGHT DISKS YOU PURCHASE

UNDERGROUND PD, 54 CARMANIA CLOSE, SHOEBURYNESS, ESSEX SS3 9YZ. TEL: 01702 295887

Name: .... Amiga Model: ....
Address: ....
.... Postcode: ....

Image Studio 2.2

■ Price: £14.99 ■ Developer: Andy and Graham Dean ■ Supplier: LH Publishing ✆ 01908 370 230

AMIGA SUPERSTAR

Shareware turned commercial software - can Image Studio take on the big boys?

The Amiga is blessed with a multitude of graphics packages ranging from PD efforts to expensive commercial packages such as *Image FX* and *Art Department Professional.* Having just moved from shareware status to a commercial package *ImageStudio 2* is bundled with a 70 page printed manual. Priced at £15, it's still in the shareware price range so if it can handle your needs, it could represent excellent value for money.

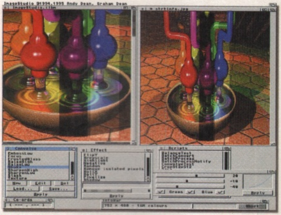
In the modern vein of image processing packages, *ImageStudio* provides you with a preview picture of the internal 24-bit buffer. Interestingly it allows you to perform some functions on a regular colour mapped picture but not others. You'll then be asked to convert the picture to 24-bit after which the 'convolves' and 'effects' will function but alas only to a rectangular marked area which limits their use somewhat.

This new version has the option of a colour preview which will be well met for those that enjoyed the fast mono preview in previous versions. Resizing the preview window actually resizes the image which is great to scale down very large pictures.

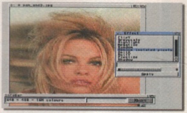
ImageStudio also has built-in virtual memory that functions even on Amiga's with no MMU. Very handy for working on very large 24-bit pictures with multiple undo levels (another strong point).

ImageStudio 2 currently supports importing of all IFF images from monochrome to HAM8 to IFF-24, BMP, GIF, JPEG, PCX and Targa. It also exports in all those formats with the addition of generating Encapsulated Postscript files if required. Colour reduction is also excellent and converting between image formats of different colour depths is another use to which *ImageStudio* is ideally suited supporting several types of dithering including some I'd not seen before. The manual is concise and well laid out featuring some excellent tutorials showing how to use some of the features such as the 'Remove Isolated Pixels' function useful to clean up dirty pictures. More often I referred to the on-line AmigaGuide documentation to clarify some points although the package is intuitive enough to get to grips with by self exploration. The Balance, Effects, Convolves and Co-ordinates GUIs are opened and closed by toggling menu options. The positions can also be saved to provide a neat working environment to suit. What *ImageStudio 2* doesn't do could possibly be bolted on after the fact with the addition of some other shareware software with a few Arexx scripts to act as the 'glue'. Knowledge of Arexx would greatly expand the usefulness of the product. For instance it could be tied to the shareware Main Actor animation package to batch process entire animations despite the fact *ImageStudio* doesn't handle animation itself. Some useful Arexx scripts are provided. I especially liked the one to convert the current picture into an Icon.

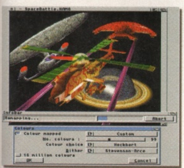
I found *ImageStudio 2* to be ideal to perform basic operations quickly and with a good feel for the final results. A typical session might involve loading a picture, cropping to size, gamma correcting (shifting the balance of the colours to suit printing) and finally saving out in a different image format. For this kind of basic operation, *ImageStudio* can't be beat for speed, simplicity and features. However, it has serious limitations which would make it completely unsuitable if more involved functions are required such as image compositing (blending together multiple images) or applying convolves to areas that are not rectangles and even loading multiple images simultaneously is beyond *ImageStudio's* capabilities. Simply put, *ImageStudio* is a poor man's *Photogenics.* If you need a fast, quick and simple package for finishing up your renders or whatever, *ImageStudio* can't be beat and for 15 quid it's a positively measly price to pay for such a pleasant package to use.


ImageStudio ©1994,1995 Andy Dean, Graham Dean
Convolve
EmbossLow
Focus
FrostedGlass
RaiseHigh
RaiseLow
Shake
SharpenHigh
SharpenLow
Slash
Texture
New
Edit
Del
Load...
Save...
Apply
Effect
FlipY
Greyscale
Highlight
Negative
Random
Remove isolated pixels
RollX
RollY
Pixelize
Shadow
Apply
Scripts
BalanceTest
BatchConvert
BatchProcess
BatchProcessNotify
ConvolveTest
Crop512x512
20
-10
-40
Green
Blue
Apply
Co-ords
(--- , ---)
InfoBar
752 × 400 - 16M colours
Abort

▲ Here we can see the effects of some of the processes on both the preview window and a hi-colour viewer showing the real result in 24-bit open on Image Studios public screen.


Effect
Remove isolated pixels
Apply
InfoBar
16M colours

▲ Possible to make Pam look better? Here we remove the last of her blemishes with the 'Remove Isolated Pixels' function.


SpaceBattle.HAM8
InfoBar
Remapping...
Abort
Colours
OK
Cancel

Colour mapped
No. colours : 99
Colour choice: Heckbert
Dither: Stevenson-Arce
16 million colours

▲ Converting 24-bit renders down to native Amiga screen-modes is a use for which Image Studio is ideally suited.

IMAGE STUDIO 2.2

A500 A500+ A600 A1200 A1500 A2000 A3000 A4000

system requirements:
Any Amiga with KS 2.04 or above and 1Mb of free memory.

ease of use......................94%
So easy it's often preferable to use over bigger packages.

performance......................83%
Full featured for some tasks but under powered for others.

value for money..............92%
Shareware come of age. A steal at the price.

OVERALL
The no fuss Image Processor. Excellent.
90%

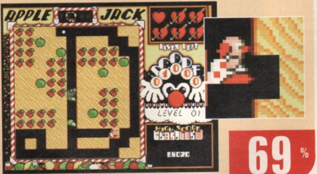
PD Scene

The PD Scene is alive and kicking. Tony Horgan gets his shins bruised this month on a quick stroll through the Public Domain.

Applejack
game

Mr Do! comes out of retirement to make an appearance in *Applejack*. For the benefit of those who missed out on *Mr Do!* the first time round, it's like a cross between *Pacman* and *Boulderdash*. *Applejack*, as he's now known, runs around digging tunnels in his pyjamas, collecting fruit and dodging the nasties. This version really is a little on the slow side, but still manages to retain most of the original's gameplay.

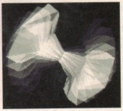
Available from: Mon PD, 9 Lon-y-Wylan, Llanfairpwll, Ynys-Mon, Gwynedd, LL61 5JU. £1 plus 50p P+P.



69 %

Control
AGA demo

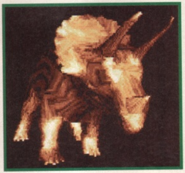
3D graphics is the pulsing theme that runs throughout the whole of this two-disk demo from Oxygen. Anything impressive that can jump from your Amiga's screen is here: there are pre-rendered sequences, real time vectors in space, real time texture-mapped and light sourced objects, blurred lenses and plenty more. The various sections are tied together well to form a continuous trip through the abstract 3D world. All very nice and escapist.



Available from: Mon PD, 9 Lon-y-Wyan, Llanfairpwll, Ynys-Mon, Gwynedd, LL61 5JU. £2 plus 50p P+P.

83 %

Miracles
AGA demo



Real time ray tracing is definitely flavour of the month on the demo scene at the moment. With the AGA demo, you can see that the screen resolution is a little chunky, but you'll be pleased to find out that the solid shiny objects will still impress all those who like to see real time ray traced shiny objects (but you could have worked that out for yourself I suppose). The often-rendered and much maligned, herbivore, the Lightwave triceratops dinosaur makes an appearance, before making a flight across a slightly ragged landscape.
One for all of the dinosaur lovers out there.

Available from: Pixel Digital PD, Unit 6, Laurel Business Centre, 15 Laurel Road, Liverpool 7. Tel: 0151 259 4017.

81 %

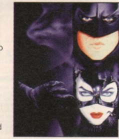
Braincell
AGA demo

"Look what I've done to my last braincell ..." boasts the intro to this feast of psychedelia. If you like your visuals all slippery and wobbly, you'll wet yourself when you see some of the tunnels and plasma sequences here. You'll have seen most of this stuff before in tamer forms, but don't let that put you off. The soundtrack's too! A must for all space cadets.

Available from: Mon PD, 9 Lon-y-Wyan, Llanfairpwll, Ynys-Mon, Gwynedd, LL61 5JU. £1 plus 50p P+P.

85 %

Batman
ECS demo



It's rare to find a demo these days that doesn't need to use an AGA Amiga, so it's good to see something worthwhile for ECS machines. It starts with an impressive Batman animation that combines hand drawn artwork with vector graphics before moving into more standard demo territory with vectors and texture mapped cubes. Meanwhile, back at the Bat theme, we're treated to a spinny vector rendition of the Dark Knight and a return to the cartoon animation for the finale. The spooky jungle techno soundtrack also deserves a mention. Recommended to ECS and AGA owners alike.

Available from: Pixel Digital PD, Unit 6, Laurel Business Centre, 15 Laurel Road, Liverpool 7. Tel: 0151 259 4017.

89 %

Assembly 95 Intros
demo collection

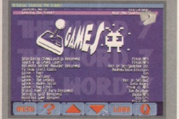
There are 18 mini demos in all on this disk, all of which were entries in the Assembly 95 40K intro competition. I'm a big fan of these intros, especially as they mainly concentrate on weird colour effects instead of wasting your day loading pre-rendered sequences. You can also launch them from your Workbench and quit back to the system if you fancy taking a breather from your current application. Fire effects are a particularly big favourite with this collection, along with more light-sourced objects and various copper contortions. Good fun.

Available from: Pixel Digital PD, Unit 6, Laurel Business Centre, 15 Laurel Road, Liverpool 7. Tel: 0151 259 4017.

88 %

Disk Magazines

The Word
issue 7

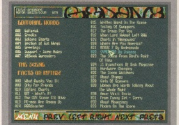


Popular with its neat interface and numerous varied articles, the editorial intro says that Amiga Technologies will be shipping an 'A1200 xl' - more powerful than an A4000/030, all for under £300! *(Not true- Ed)*. Despite that,other articles are worth a look, especially non-Amiga topics.

Availablle from: Sadeness PD, 13 Russel Terrace, Mundesley, Norfolk. NR 11 8LJ. Tel: 01263 722169. Price: £2 including P+P.

79 %

Gedan
Issue 3



Gendan hails from Poland, and offers you the choice of either Polish or English text for the articles. Most of them are scene-related and generally suffer in the translation to English, but it's recommended for anyone looking for a Polish view of the scene.

Available from: Mon PD, 9 Lon-y-Wylan, Llanfairpwll, Ynys-Mon, Gwynedd, LL61 5JU. £1 plus 50p

69 %

Slammin
issue 1

All of you grapple-fans out there should take note! *Slammin* is the first issue of what may prove to be the only disk mag devoted to that noble art of wrestling. Unfortunately, the editor doesn't get WCW wrestling on his TV, so the coverage is limited to WWF. Although the standard of writing certainly isn't top notch,(at least in English that is!), the articles are still entertaining - particularly the gossip, which tells tales of rival wrestlers pooing in each other's kit and lots of other bitchy stories, interspersed with regular "...and this is the truth" comments, just in case you though it was all made up (perish the thought). Some pictures would help liven it up, especially as the disk is only half full. A shareware version is also available, but the one reviewed here is the full version.
So as Mr Crabtree used to say, "Have a good week, 'till next week".

Available from: David Thomas, 4 Cefn Rhos, Tredegar, Gwent PP2 3PA. Price: £2.50 including P+P (full version).

55 %

ACTIVE SOFTWARE

Dept CUA9, P.O. Box 151, Darlington, County Durham, DL3 8YT

01325 352260
sales@active2.demon.co.uk

HOW TO ORDER

Public Domain Prices

Each Public Domain Disk	99p
Postage On All Orders	75p
Residents outside UK but in E.U. add 10% to TOTAL	
Residents in Rest of World add 15% to TOTAL	
Catalogue Disk	50p
Contains full listing, F1 Licenceware, CD's etc	

Key

[WB2+]	Workbench 2+ Only
[WB3+]	Workbench 3+ Only
[2D]	Number of Disks
[1MB]	Minimum Memory
[AGA]	For AGA Machines
[030]	Minimum Processor
[HD]	Hard Drive Needed

99P

BUY 10 PD DISKS GET 1 FREE!!

Make all Cheques and Postal Orders Payable to
ACTIVE SOFTWARE

NEW TITLES

LATEST UTILITIES

U666 IMAGE DESK v1.60 Image Desk is the best picture thumbnail program on the PD market. [WB2+]
U670 TERM v4.4 00 Term is the most comprehensive communications package in PD, rivals any commercial release. [3D]
U671 TERM v4.4 030 version for 030 processors [3D]
U672 ORGANISER BITS a collection of supplements for Digita's Organiser. [needs Digita Organiser]
U674 ZXAM SPECTRUM EMULATOR v2B NEW Spectrum Emulator. You need an AGA Amiga or 020+ processor.
U677 EASY CALC v2B superb spreadsheet program [WB2+]
U678 STEREO OPTICON produce 3D (true 3D!) stereoptical images that are viewed through 3D glasses similar to Jaws 3D! Original!
U679 AREXX GUIDE v2A want to learn Arexx? [WB2+]
U680 MOSAIC v2B latest version of the Web browser. [WB2+] [TCP 4]
U681 SHAPE SHIFTER v3.1 is the much-raved latest version of the superb Apple Mac emulator [020+][WB 2.1+][4 MB+][HD Recommended]
U682 VARK'S CLI TOOLS VOL 8 50 latest CLI tools - get this!
U683 IMAGE STUDIO v2.2 latest version [WB2+] [2D] [HD] [020+]
U684 ESSENTIAL AMINET 8 new and decent uploads here [WB2+]
U685 MIDI TRIGGER an AMOS extension to trigger MIDI [WB2+]
U686 VIRUS WORKSHOP v5.5 latest virus killer [WB2+]
U687 VIRUS CHECKER v7.16 another virus killer [WB2+]
U688 BASIC ELECTRONICS v2 want to learn the basics of electronics? Here is a disk to show you how. [2 Disks]
U689 TURBO CAT PRO v1.1F much updated version of the disk cataloger. Just put in a disk, read the files and print/save the list. [WB2+]
U690 AMIGA E v3.2 said to be a more powerful version of C. The Amiga is the ideal way to get into programming. [WB2+] [2 Disks]
U691 VMM v3.2 you can now use virtual memory [020+] [WB2+] [HD]
U692 F1-GP EDITOR v3.01 updated '95 version [WB2+]
U693 A SPELL v5.8 adds a spell checker to most text editors [WB2+]
U694 BOOT X v2.25 RECOG easy to use virus killer [WB2+]
U695 NAVIGATOR v2 occasionally a PD program emerges that makes you realise why you kept your Amiga. This is SUPERB! Allows you to fly around, in realtime, a 3D arena. The 3D arenas are called 'worlds'. These worlds range from architechtural to musical instruments. **NTitler** is a realtime 3D titling system that even allows virtual reality modes. If you thought Bluff Video Titler was good then get this! It allows 3D text and model effects that could be used to be overlayed onto video or for presentation work. **NWiper** is a presentation system that allows uses texture mapping to make 3 Dimensional IFF picture wipes. Get this now! [WB2+] [020+] [HD] [2 Disks]

LATEST GAMES

GM238 LAST LAP v1 Excellent racing game for one or two players.
GM239 ULTIMATE STAR TREK Quite old but a great strategy game by Tobias Richter. [2 Disks]
GM242 PSYCHUEL Alien Breed style shoot em up [WB2+]
GM245 THE PYRAMID GAME A puzzle platform game. [2 Disks]
GM247 KLONDIKE III This is a special version of Klondike for disk users only! [6 Disks] [3MB]
GM248 DELUXE PACMAN AGA Wow a pacman game by the author of Deluxe Galaga.
GM258 BATTLESHIPS A very playable game by the Assassins.
GM259 EGG SCRAMBLE Mad, mad game. Very colourful platformer.
GM260 GEMZ addictive puzzle game
GM263 CODENAME NANO superb thrust game. Get it!
GM264 SCORTCHED TANKS v1.85
GM266 BLITZ BOMBERS the popular multi-player bombers game
GM268 EXCELLENT CARD GAMES III A set of different card games on here. [AGA]
GM269 MASTER BLASTER II decent bomb game
GM271 SUPER COMBAT 3 this is a two player version of cannon fooder. Superb graphics - Object to kill other player. [3 D]
GM273 REBELLION an asteroids clone with a difference
GM274 R3 is a 1/2 player smooth scrolling thrust game
GM275 MARATHON 2 player action game
GM276 THE DEVILS ABODE written by the author of War of the Worlds. This is a 3D horror adventure. Decent.
GM277 SPEED - DOOMER 2 version 2 of the Doom clone. More graphics, finer detail (walls etc) and much faster scrolling. [AGA]
GM278 DNX erm...blatent Super Stardust tunnel game! [AGA][2 D]
GM279 ALIEN BASH II very similar to Chaos Engine....very good.
GM280 SKID RACER car racing game, not bad. [WB2+]
GM281 DUCK DODGERS great platform game with ducks [WB2+]
GM282 TRAP 'EM from the author of the decent Jump 'em [WB2+]
GM283 ZOMBIES Alien Breed style shoot-em-up [AGA]
GM284 DARK ANGEL Flashback style, platform in a power complex
GM285 BLACK DAWN V another version of the adventure [WB2+]
GM286 GALLEONS 2 player 3D shoot-em-up [WB2+]
GM287 ENGINES 2 player thrust game [WB2+]
GM288 HELSINKI FORCE 2 player good karate game [3 Disks]
GM289 CARDZ load and use AGA Klondike cards on ECS Amiga!
GM290 BLACK KNIGHT a reasonable fruit simulator
GM291 THE RACE small, but funny, 100m joystick waggler!
GM292 POWEROIDS good, rendered asteroids clone [020+]

HOT NEW DEMOS

D203 MYSTIC "IMPOSSIBLE IMPOSSIBILITY" Winner of the Primavera party 95. Get this! [2 Disks] [4MB+] [AGA]
D213 PARALLEX/CCN "DEEP" Winner of the Gathering 95 [2 Disks] [HD] [4MB+] [AGA]
D216 FACULTY "MAN ON MOON" Very good demo from Faculty - needs loads of Mem! [4 Disks] [HD] [6MB+] [AGA]
D217 ABYSS "DRUGSTORE" [2 Disks]
D219 SANITY "ROOTS II" wow! A very decent demo release [020+]
D220 FREEZERS "DREAM WALKER" [2 Disks]
D221 FREEZERS "LECH" AGA won the Ram Jam charts "best demo in 1995". Loads of the same routines - tunnels etc.
D222 ARTWORK "GREENDAY" Won a recent party in Germany - very decent all round. [AGA] [HD] [3 Disks]
D223 IMPACT DK "MELCHOIR" [HD] [6MB+]
D226 SUPREME "CHAOS" [HD]
D227 SCOOPEX "ALIEN" Scoopex are BACK in the '90s with a good demo release! [AGA]
D228 STELLAR "HUMAN" Stellar release "Human excrement in ....", lets say no more!
D230 MELON "PLANET M" another classic release from the guys at melon. Released at a party in the Netherlands recently.
D231 AXIS "PICTURE BOOK" must be one of the best demo releases for many months, comprehensive. [AGA] [4 Disks]

Latest demos continued........

D233 AIDSYNTHETIC DESIGN "TENEBRA"
D234 INTERACTIVE "ABSTRACT" another release from the party in the Netherlands. Excellent routines. [HD] [4 MB]
D235 MELON DESIGN "BAYGON" superb cartooney style demo!
D236 EMBASSY "THRILLED" Assembly '95 release [HD][2 Disks]
D237 SILENTS "FRUIT MACHINE" superb Assembly '95 demo!
D238 VANITY "AMAZED" stunning new demo from Vanity
D239 OXYGENE "CONTROL" from the G.A.S.P. party '95. [2 D]
D240 PARALLEX "ZIF" G.A.S.P. winner. Good. [2 D] [AGA] [HD]
D241 ASSEMBLY '95 INTROS collection of intros
D241 AXIS "TIME & EMOTION" music disk from Axis [WB2+]
D242 HOODLUM "WATER WHISPER" decent effects [AGA]
call for demos from the Intel Outside Party '95!

MISCELLANEOUS

GRAPEVINE 21 superb disk magazine from LSD [2 Disks]
GRAPEVINE 22 call for date (October/November?!?)
DEADLOCK 9 superb disk magazine by Anathema/Narcosis
NFA WORD 5 disk magazine from NFA [AGA]
NFA WORD 6 disk magazine from NFA [AGA]
NFA WORD 7 OUT NOW!!! New disk magazine from NFA [2 Disks]
NFA BODYSHOP 8 [AGA] [3 Disks]
SHERILYN FENN SLIDESHOW [AGA]
PHEOBE CATES SLIDESHOW [AGA]
ERIKA ELENAIK SLIDESHOW [AGA]
NIKI TAYLOR SLIDESHOW [2 D] [AGA]
TINY TOONS CLIPART superb hand drawn clipart
NFA BIG GIRLS II [AGA] [3 Disks]
X-FILES GUIDE guide to the TV Show
GCSE MATHS EXAM PAPERS GCSE help
TRAVEL GUIDE guide for avid world travellers [2 Disks]
UFO : FINDING THE TRUTH [2 Disks]
UFO : FINDING THE TRUTH 3 paranormal and UFO stuff
ALIENS CONFIDENTIAL 2 UFO and paranormal guide
WEATHER GUIDE [3 Disks]
LUCIFERS "UNHOLY INNOCENCE" [2 D]
LUCIFERS "WICKED GRIMOIRE" bizarre cult stuff
LUCIFERS "BOOK OF SHADES" [2 D]
WHITBY AMOS CLUB DISK MAG - SPECIAL EDITION
ED060 KIDS DISK 7 another under 5's program
SCOOPEX "ARTCORE" Doom-like gallery slideshow! [AGA]
NFA SOURCE 'N CODE 2 AMOS source 'disk' magazine

MAIN LIBRARY

MORE UTILITIES

U076 WB3 HD INSTALL DISK Prep, format and install WB to your Hard Drive. [WB3]
U230 TOOLS DAEMON V2.1 Adds tools to your WB Menu. [WB2+]
U239 RE-ORG v3.11 Re-organise your disks/hard disk. [WB2+]
U302 VIEWTEK v2.01 Viewtek can show many picture formats including JPEG and the AGA screen modes. [WB2+]
U317 ACTION REPLAY PRO Action Replay for the A1200 [AGA]
U318 VIDEOTRACKER DATA Loads of data files for use within Videotracker. [4 D]
U349 LIBRARIES + DATATYPES Do you ever need a library? Here's a collection!
U352 MAGIC WB v1.2P The lastest version of the 8-colour icon replacer. Use this with our Extras disks for superb results! [WB2+]
U359 TELETEXT v1.20 Create a teletext receiver [WB2+]
U376 POWERCACHE v37.115 Speed up your Hard Drive access with this cache program. Versions for 00, 020, 030 and 040. [WB2+]
U379 DESKTOP MAGIC v2.0 This program allows you to assign sounds to Workbench functions like mouse clicking etc. [WB2+]
U408 DISK SALV v2.31 This is the best disk/file repairer in the Public Domain. Undelete/salvage files and repair disks.
U416 AMIGA DOS GUIDE v1 Learn Amiga DOS with this program.
U426 EPU STAKKER v1.70 double your hard drive space! [WB2+]
U434 EDWORD PRO v5 Edword Pro is the most comprehensive and easy to use word processor on the PD market. [WB2+]
U440 SNOOPDOS v3 Use Snoopdos to monitor program activity. An ideal tool to find out what libraries are needed [WB2+]
U453 MAIN ACTOR v1.55 An excellent module animation player. Buy it. [WB2+]
U454 VIDEOTRACKER 2 AGA The AGA demomaker.
U467 T. U.D. E. v1.0D The Ultimate Degrader and Enchancer can be used to degrade A1200/4000's to use WB1.3, remove fast mem etc.
U475 RELOKICK v1.4A FINAL Relokick is the most popular degrader around. Forget the fake v1.41, this is the real thing.
U479 MSDOS FOR AMIGADOS Allows you to use the MS DOS commands on your Amiga. Also use the MSDOS star "*.*" [WB2+]
U480 HD GAMES INSTALLER II Install Jungle Strike, Aladdin, Mortal Kombat II, Ruff 'n Tumble and about 12 more!!
U487 BIRTHDATE HISTORY v2.21 Check events that happened on your birthday!
U499 M.U.I. V2.3 Create GUInterfaces. Needed for Mosaic. [WB2+]
U502 GBLANKER V3.6 020 An optimised version for 020/30/40/60 CPU's. [WB3+]
U514 DISK STICK v1.1 A disk labelling program.
U521 ADDRESS PRINT v4 Store addresses and print them to labels.
U523 DOPUS MAGIC COMPANIAN Loads of buttons, AREXX scripts for Dopus. [WB2+]
U532 ALL NEW FINAL WRAPPER v3 Final Wrapper was the utility that hit Final Writer users last year. This is the very latest version.
U533 CAR DATA ANALYST Monitor and test your car's performance. First for the Amiga.
U543 TOOLS MANAGER Allows you to have a "dock" of icons on Wbench. [2 Disks][WB2+]
U553 GFX CONVERTOR v1.7 Decent graphics convertor. Loads about 10 different file formats and saves GIF, ILBM, PCX, POSTSCRIPT, JPEG. [WB2+]
U554 SOUND BOX v1.97 Coverts sound samples from IFF, RAW, WAV, MAESTRO, VOC, AIFF and MAUD to any of the supported formats. ie. load in as IFF save as WAV or load as WAV andsave as IFF. [WB2+]
U560 DELITRACKER II v2.1 A great module player. [WB2+] [2 D]
U564 EXOTIC RIPPER v3.1 module and sample ripper. [WB2+]
U568 LOTTERY WINNER V2.0 good lottery predictor. [WB2+]
U576 BLITZ BLANKER V2.5 Blitz Blanker is another tool that requires the services of MUI (U499). Modulerised screen blanker. [WB2+]
U588 PC-TASK V3.10 All new PC Task v3. Demo version.

More utilities continued........

U589 MP LOTTERY V2 Another good lottery program.
U592 VARK CLI UTILS 7 All the latest CLI utilities here!
U594 AMIGA FAX V1.42 Send/receive faxes on your Amiga. [WB2+]
U606 ESSENTIAL AMINET 5 recent Aminet uploads. [WB2+]
U607 ESSENTIAL AMINET 4 more recent Aminet uploads. [WB2+]
U617 HD GAMES INSTALL 3 Over 20 games such as Super Skidmarks, Sensible World of Soccer to be installed. [WB2+]
U618 TEXTURE STUDIO v1.02 For Imagine users - adapt those textures. [WB2+]
U619 BALLS! Superb and powerful Lottery program. [AGA]
U623 AMIGA CD-ROM GUIDE Guide to loads of Amiga CDs - Amigaguide doc. [WB2+]
U628 ICONIAN v2.91 Superb AGA icon editor. [AGA]
U634 FRODO v1.5 The very best C64 emulator for the Amiga. Relive the old games with this. [WB2+] [020+]
U635 DOPUS UTILS 2 Loads of utils for Directory Opus 4/5. More scripts, Arexx routines etc etc [WB2+] [Dopus]
U636 TYPING DEMON Learn how to type very quickly !
U638 ESSENTIAL AMINET 7 Aminet utilities. [WB2+]
U648 HD GAMES INSTALLER 4 loads more installers for your favourite games. Obessesion Pinball, Powerdrive etc [WB2+]
U649 enLOCK Lock program for a hard drive [WB2+]
U650 BOOKIE BEATER Beat the bookie at his own game! [WB2+]
U653 SKIDMARKS 2 CARS 4 cars for the AGA Skidmarks [2 D]
U656 SUPER DMS v2 A powerful interface for DMS. [WB2+]
U658 DOPUS v5>>>>v5.11 UPGRADE Upgrade your original DOpus to v5.11.
U663 TURBOSUITE v3.3 catalogue your disks [WB2+]

MORE GAMES

GM58 BLACK DAWN II a popular 3D adventure
GM67 SCRABBLE the classic board game
GM78 STARWOIDS thrust and oids mixed [1MB] [2 DISKS]
GM97 TOP HAT WILLY an Amiga "Jet Set Willy" rip-off. Addictive!
GM105 DYNAMITE WARRIORS 2
GM118 CHANEQUES yes, two please!! A Lemmings type game. Direct your little men (with different skills) to the end. [2 Disks]
GM123 MEGABLOCK V2 the best Tetris games on the Amiga.
GM125 KELLOGS LAND WOW! The very best PD platform game ever! [AGA]
GM126 SUPER MEGA FRUITS a good Fruit Machine game.
GM127 ZAXXON superb! The C64 classic now comes to the Amiga!
GM130 FISHY FISHY eat the small fish, avoid the sharks and grow!
GM132 SAMURAI SHOWDOWN this is an amusing Street Fighter clone. Good! [AGA]
GM136 CYBERMAN wow! A 3D pacman clone. Very decent indeed.
GM138 INTERNAL COMBUSTION great skidmarks-esque multi-player racing game
GM141 MADHOUSE a graphical adventure game [2 DISKS]
GM147 DELUXE GALAGA v2.51 must be the best PD shoot-em-up ever made!
GM194 BATTLE DUEL AGA battle duel is a SUPERB multi-player artillery type game. [AGA]
GM195 BATTLE DUEL ECS ECS version of the above [WB2+]
GM226 GLOOM A demo version of the forthcoming Doom clone. [AGA]

LATEST CARDS

KL099 Premier League '95 Cards
KL100 Females Cards
KL103 Dreams Cards
KL104 Dreams II Cards
KL105 VT Chicks Cards 18+
KL106 Erika Eleniak Cards
KL107 Wild Life Cards
KL108 Album Covers Cards
KL109 Wild Life II Cards
KL110 Landscapes Cards
KL112 Pleasure Cards 18+
KL113 Starkers Cards
KL114 Everton Winners Cards
KL115 NFA Mask Cards
KL116 Marine Fish Cards
KL117 Birds 1 Cards
KL118 Birds 2 Cards
KL119 Pinnocio Cards
KL120 True Lies Cards
KL121 Airbrush Cards
KL122 Harley Davidson Cards
KL123 Boris Hajime 2 Cards
KL124 Star Wars Galaxy Cards
KL125 Renders Cards
KL126 Busen Cards 18+
KL127 Anna Nicole Smith Cards
KL128 Pulp Fiction Cards
KL129 Body Piercing Cards 18+
KL130 Real Beauties Cards
KL131 Raytracing Cards
KL132 Flintstones the Movie Cards
KL133 Gremlins Cards
KL134 Stargate Cards
KL135 Arnie Cards
KL136 Modern Life Cards
KL137 Time Cop Cards
KL138 Speccy 1 Cards
KL139 Speccy 2 Cards
KL140 Jap Anim Cards
KL141 Toonies Cards
KL142 Bikini Babes 1 Cards
KL143 Manga Maniax 2 Cards
KL144 Imagine Cards
KL145 Bill Graham Cards
KL146 World Atlas Cards
KL147 Aviation Cards
KL148 Scenic Cards
KL149 Lion King 2 Cards
KL150 Wildlife 2 Cards
KL151 X-Files Cards
KL152 X-Files 2 Cards
KL153 Guardian Cards
KL154 Lion King III Cards
KL155 M.G. Cars Cards
KL155 Safari Cards
KL156 Buildings Cards
KL157 Big Cats Cards
KL158 Killer Instinct Cards
KL159 The Sky Cards
KL160 Dogs Cards
KL161 Places Cards
KL162 Danii & Kylie Cards
KL163 Deep Space 9 Cards
KL164 Misc Art Cards
KL165 Texture Cards
KL166 Fish Cards
KL167 Batman 3 Cards
KL168 Voyager Cards

F1 LICENCEWARE

F1-14 TOTS TIME £3.99 Ideal for younger users
F1-31 POWERBASE v3.3 £3.99 database
F1-33 POWER PLANNER £3.99 personal organiser
F1-41 GRAND PRIX MANAGER £3.99 run your own grand prix racing team. 1994 season. Recommended.
F1-50 GUIDE TO AMOS v2 £4.99 absolute beginners guide to Amos. Superb guide to help you understand!
F1-56 GIDDY 2 £3.99 Sequel to Giddy.
F1-62 JUNIOR ARTIST £3.99 Learn how to draw
F1-67 BUBBLE TRUBBLE £4.99
F1-68 AQUANAUTA £3.99 superb game. Get this!
F1-74 AMIGA ASSIST £3.99 beginners guide
F1-76 OBSTICKLE £3.99 superb platform romp!
F1-81 AQUAKON AGA £5.99 A little like Doom on water.
F1-83 IMAGE COMPRESSOR £3.99 for AMOS coders
F1-84 WORD PLUS+ PRO v1.3 £4.99 Want to know a word - get this! Used to sell for £14.95!
F1-86 LEGIONS OF DAWN £4.99 Sci-Fi Dungeon Master type game. Choice of several characters and loads of weapons.
F1-87 LEGIONS OF DAWN £4.99 hard drive version
F1-102 AURIGA £4.99 very decent Strider clone

More games continued........

GM150 ROCKETZ V2.25 superb AGA only 2-player thrust/shoot-em-up game. One of the most addictive mutli-player games ever! [AGA]
GM164 CYBERGAMES excellent! A street-fighter clone with gore! This is probably the best beat-em-up games in the Public Domain. [2D]
GM169 MASH Similar to Team 17s new Wormz game. A subtle cross between Lemmings and Cannon Fodder.
GM174 TANKS! excellent tank-war sim
GM176 ALIEN GENOCIDE err. A Operation Wolf clone? [2 DISKS]
GM178 DOOMER a good Doom clone for the Amiga [AGA] [HD]
GM180 CARNAGE blood, guts and gore and more!
GM183 PSSST AGA remember Psst on the Speccy? Well this is the Amiga version!
GM184 SCREECH another car racing game
GM185 BOARD GAMES Cluedo is the main game here
GM187 FEARS 2 AGA wow! Much better. This is a demo of the finished commercial version! More aliens.
GM188 CARD GAMES DELUXE A program that allows you load and use your Klondike cards! Blackjack and another on here [3 Disks] [2MB]
GM191 CHILD MURDERER AGA not as bad as it sounds! A graphical adventure to solve the mystery to clear your name [4 Disks]
GM192 CHILD MURDERER ECS [3 Disks]
GM193 SPRINGTIME
GM227 WAR OF THE WORLDS 4 A virtual reality program! [AGA]
GM228 KING HIGH A new card game

MAGIC WB EXTRAS

These contain icons, backdrops, drawers, tools manager brushes and docks and much much more!

Magic WB Extras volume 1	[2 Disks]
Magic WB Extras volume 2	[2 Disks]
Magic WB Extras volume 3	[2 Disks]
Magic WB Extras volume 4	[2 Disks]
Magic WB Extras volume 5	[2 Disks]
Magic WB Extras volume 6	[2 Disks]
Magic WB Extras volume 7	[2 Disks]
Magic WB Extras volume 8	[2 Disks]
Magic WB Extras volume 9	[2 Disks]
Magic WB Extras volume 10	[2 Disks]
Magic WB Extras volume 11	[2 Disks]
Magic WB Extras volume 12	[2 Disks]
Magic WB Extras volume 13	[2 Disks]

volume 13 contains new 16 colour icons for Magic WB 2!

Buy all 13 volumes for £23.99 or each volume at £1.98

GLOOM

A1200	£22.99
CD32	£22.99

[2MB+][HD INSTALL]

Gloom is an Amiga Doom-clone that satisfies all expectations. A 1 or 2-player shoot-em-up, with the option of connecting two Amiga's through the null modem cable. The first 'real' Doom game this offers an atmospheric and frightening arena full of different enemies with all the guts and gore you can imagine. Rated 91% in Amiga Format - "smashing". Get this before stocks run out!

Have you been Gloomed?

Fears 2 out late August, same prices as for Gloom. Look out for extra levels for both games out in the next few months!

GRAC v1.10

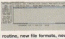
F1 LICENCEWARE

£6.99

Do you admire the commercial games cush as Monkey Island and other adventure games and wish you could program your own version? With the Graphic Adventure Creature v1.10 you can easily make a point and click adventure game like Relics of Deldroneye. This version fixes bugs in v1 and comes with an extensive manual for your reference. Get this now!

BLACKBOARD 4

F1 LICENCEWARE



Part of the new F1 GOLD range this excellent image processor now comes with an extensive fully featured ring bound manual. The new version contains an online help routine, new file formats, new edit facilities, rotate pictures to any angle in 3D, new buffer routines with upto 99 pictures in RAM, new extensive preference links, thumbnail images, mash functions and new GUI frontend!

£8.99

INTRO TO DOS 2

F1 LICENCEWARE

WOW! Version 2 of the superb guide and introduction to Workbench and Amiga DOS. Version one obtained superb grades in a number of magazines - eg 90% in AUI and 92% in Amiga Shopper. Do you want to learn how to use your Amiga? This has twice as much information as the first version, with examples pictures. The easiest way to learn about DOS commands, the CLI or about Workbench.

£6.99

MAGIC PAINT BOX

F1 LICENCEWARE

Magic Paint Box is a superb new paint program for all ages. Mainly aimed at children under 8 years of age this is suitable for parents to easily demonstrate to their children its simplicity yet powerful features. Excellent front end, 84 different painting tools and the ability to print full colour pictures direct from the program to any colour printer. Over 80 different paint functions! Comes with full reference manual.

£6.99

CD-ROM SOFTWARE

e are currently formulating a freelance team to develop and blish software for the Amiga, PC and Mac computers.

- **Games Software**
  developing for the Amiga and PC, converting to other formats
- **Multimedia 'Point and Click' Software**
  itles in development for Amiga, PC and Mac computers
- **Application Software**
  in-house or commercial application software for Amiga and PC

e are currently seeking people in the following areas:

oftware Engineers
ust possess a strong "C" and/or Assembly knowledge with experience with her or both the 680x0 and 80x86 processors. Previous work would be ry beneficial (games, scene work such as demos on Amiga/PC etc)

evelopment Teams
ou are a development team currently working on games, multimedia or plication software contact us for possible joint venture or publishing of ur software.

rtists
would like 2D (DPaint, Brilliance etc) and 3D artists (Lightwave, 3D Studio c), as well as animators. Previous graphic work in the commercial industry, e 'scene' or in the public domain would be very beneficial.

HOW TO ORDER

oose the CDs you want to order, d 75p to the complete cost to cover stage and packing. Then send your eque or postal order to the address the other page. You can also pay by edit/debit card.

INFORMATION

As you can see from the advert we are working with F1 Licenceware to produce their CD-Rom. We also have a range of other co-operation CDs in the pipeline. If you have an idea for a CD then contact us as soon as possible.

F1 LICENCEWARE
volume one - F1-01 to F1-100

This CD contains the complete collection of F1 Licenceware titles from F1-001 to F1-100. Over 100 titles or more than 200 disks! This CD is worth well over £500, if the disks were bought separately. There is something for everyone on the CD - games, utilities, tools, professional clipart and music, beginners guides, educational programs and much more. Choose from the award winning Blackboard v3 to Junior Artist or from Tots Time to GRAC (the best ever selling F1 title with 100's of copies sold so far). You can blast some aliens with Aquanaut, learn about AMOS through theGuide to Amos, teach your kids how to draw with Junior Artist, make a adventure game with GRAC or use some of the professional music for your games. With a very easy to use AmigaGuide© interface with many of the programs running straight from the CD. **All programmers receive a royalty for every CD sold.**

£32.99

COMMERCIAL SOFTWARE - NOT PD!

F1 LICENCEWARE

PHANTASMAGORIA
pro backgrounds and textures

Textures and backgrounds for video, ray-tracing and image work for the last five years. Their entire collection, consisting of 500+ 24Bit backgrounds and textures, is present on this CD-ROM. There are the very high quality 24Bit JPEG files for video, graphics and multimedia work and Targa's for PC raytracing. No wasted space on this CD-ROM! For instance, no multi-graphics files such as SCI, PCX or even more obscure formats that are found on other texture CD's. A superb and complete collection for Pro's and Amateurs.

COLOUR REFERENCES FOR EVERY IMAGE

brand new release £29.99

MULTIMEDIA TOOLKIT II

1000's of clipart, fonts, samples, modules and midi files. Many, many tools and utilities to improve your multimedia presentations. All the items run straight from the CD. Octamed 5.04, the full version, is included (with Aura support), support files from many Octamed experts. Over 50MBs of Midicraft midi files, samples and modules (Midicraft are professional musicians working with the Amiga to create their music). 200 MBs of Imagine and Lightwave objects. If you are a Multimedia fan then you should not miss release volume 2.

£22.99

AGA EXPERIENCE vol. 1

NFA, famous for their Bodyshop series and Word disk magazine, present their first CD for the Amiga. This contains AGA PD from the last 3 years of which 90% will run straight from the CD! Contains the best WB3+ utilities and creative software, the greatest AGA games, high quality AGA slideshows, the most outstanding AGA demos, entertaining and informative disk magazines and the best of the rest. NFA have also compiled loads of exclusive wares for the CD: slideshows, Klondike cards and more. All this and contained in superb Magic Workbench icons makes the CD an absolute pleasure to use!

DUE OUT OCTOBER 1ST **£19.99**

ASSASSINS 2

In the follow up to Assassins Games vol.1, this CD contains 600 new games for all Amiga CD users. It contains a excellent interface which means that 99% of the games run straight from the CD, even on a CD32. If you want the best and the latest games then look no further!

£18.99

AMOS vol.2

This is an update to the first AMOS CD - the official library disks upto 635, general Amos PD over 200 disks. Also includes, ready to run, 1600 source files, 100 sprite banks, 260 Ctext banks, 800 samples, music banks, several Amos and Amos Pro extensions. An absolute essential CD for any Amos programmer.

£18.99

FRESH FONTS

Volume 1 contains 626 MBs of fonts, Deco (71 fonts), Non-Latin (31), Pictures (17), Serif (23), Sans Serif (31), Script (27). Volume 2 contains 632 MBs of fonts. Deco (63 families), Sans Serif (29), Script (38), Thienen (19) and more!

OLUME 1 £14.99 **VOLUME 2 £16.99**

LIGHT ROM

Vol 1 contains 3D objects, many example images, image sequences, scene files, surface attributes, bump maps and textures. Light Rom volume 2 contains 100% Lightwave/Toaster material with over 300MB of data that didn't appear on vol.1.

VOLUME 1 £29.99 **VOLUME 2 £34.99**

FRED FISH

Fred Fish has been serving the Amiga market since inception with his excellent disk compilations. The Fresh Fish (double CD) CDs continue the trend. The Gold Fish CDs are compilation of the best from the Fresh Fish CDs. The best on the market!

ALL CDs £24.99

SUBSCRIPTION SERVICE
Every time an Fred Fish CD is released (usually 4/6 months) we will send it to you for £21.99 - pay by credit or debit card. Card debited on despatch.

SUBSCRIPTION SERVICE
Subscribe to Gold Fish 3 for £22.99 (Xmas 95 release?) - pay by credit or debit card. Card debited on despatch.

THE AMINET COLLECTION

Aminet 5	March 95		£10.99
Aminet 6	June 95		£10.99
Aminet 7	August 95		£12.99
Aminet 8	October 95	[Pre-Order]	£11.99
Aminet 9	December 95	[Pre-Order]	£11.99

SUBSCRIPTION SERVICE
Every time an Aminet CD is released (usually bi-monthly) we will send it to you for £11.99 - pay by credit or debit card. Card debited on despatch.

SUBSCRIPTION SERVICE
Subscribe to Aminet SET vol 2 for £24.99 and we will send you it on release (Xmas 95?) - pay by credit or debit card. Card debited on despatch.

Aminet Set £23.99

ZOOM

NEW - UPDATED VERSION

Since the reviews in recent Amiga magazines we have taken all the minor criticisms and improved the interface to be the most easy to use CD interface on any CD. Coded by the author of the great Deadlock disk magazine - just point, read about the disk and click to extract. Superb and very easy to use. The contents have also been updated so you get all the latest PD until early October 1995 and loads more as listed opposite. Comes with an on-line help routine, multitasking search routine and hotkeys function. If you want the latest or greatest PD software then look here! The CD contains well over 1200 disks, over 640MB's of data or 1.4 GIG's of public domain.

Superb value CD-Rom at only £19.99 **NEW!**

Available to existing owners at £6.99 - call!

✓ **New Search Routine**
the multi-tasking search/find will seek file names or number

✓ **New 'Hot-Keys' Function**
just press 'S' for search or 'E' for extract, "Help" for help!

✓ **New Separate Directories**
click a directory for "Utilities" or "Demos" etc etc

✓ **Over 200 New Disks**
updated PD from June 1st to 2nd week October 1995

✓ **Restyled, Remastered**
new help and information guide, restyled artwork! Superb!

- **The latest PD from October '94 to October '95 : Utils, games, demos, slideshows, education, disk mags and more!** *- including most of this advert and loads of great PD software*
- **NEW! 100 Klondike/Card Games Deluxe Cardsets**
- **Ground Zero's Themed Imagine Objects**
- **NEW! A great selection of Active Software Pro Packs**
- **NEW! All the Professional Sound Samples [50 Disks]**
- **Over 24MB+ of Magic WB icons, backdrops, drawers etc**

MEGA BUNDLE ONE

LIGHT WORKS **PRO FONTS/CLIP** **BEAUTY CHAOS**

This Mega Bundle contains Light Works - a superb raytracing/3D CD by Tobias Richter, The Professional Fonts and Clipart CD from PD Soft and the Beauty of Chaos which contains loads of fractals.

GET 3 CDs for £29.99

MEGA BUNDLE TWO

LSD VOL 2 **MEETING PEARLS 1** **PHASE 4**

The 2nd Mega Bundle contains the LSD II CD - LSD were "famous" for Grapevine, Meeting Pearls 1 and the classic 17Bit Phase 4. Four Aminet-thrashers for one price!

GET 3 CDs for £24.99

MEGA BUNDLE 3

ASSASSINS 1 **GAMERS DELIGHT** **POWER GAMES**

Mega Bundle 3 contains the Assassins Games CD vol 1, Gamers Delight - full of commercial games - and to complete this games compendium Power Games has been included!

GET 3 CDs for £24.99

HOTTEST 4

This is a PD Soft collection of their PD library during 1994. Games, demos, utilities, animations, slideshows, diskmags, pictures, samples, music modules and much more. Limited stocks left so get this CD at this low price while you still

BARGAIN! **£7.99**

SPECCY SENSATIONS 2

A multi-platform CD with emulators for Amiga, Atari ST, Mac and PC. Loads of FAQs (Speccy related), technical FAQ, games lists, modifeied ROM, wallpaper (.BMP) pictures for Windows and F) for Amiga. Over 100 different Speccy comer screens and loads of tape covers. Not only es the CD contain all this exclusive data, it is ed with over 150MB's of Spectrum games for yriad of computers. Mainly .SNA but also a ection of .Z80 files. From Attic Attac to Exolon or Set Willy to Arcadia. Superb!

£18.99

THE COLOUR LIBRARY

From a graphics company in Basildon, this compact disc contains all things colour. Essentially 1700 colour files with categories such as Animals, es, Boats, Buildings, Cars, Cartoons, ts, Computers, Dinosaurs, Dogs, Fantasy, h, Flags, Flowers, Food, Helicopters, uses, Inserts, Maps, Medical, Military, sc, Painting, Photo, Places, Planes, ytrace, Scenic, Sci-Fi, Sea, Space, Sport, r Trek, Swimsuit, Trains, Wars and Women. % colour!

£8.99

HOT AMIGA DEMOS

Do you want 1072 megabytes of the very hottest Amiga demos and megademos? This CD offers you hundreds of the finest demos. Spaceballs, Kefrens, TRSI, Complex, Scoopex, ts, Sanity and Virtual Dreams are a selection of ggest names here. 2000 floppy disks in DMS at with menu system to download LHA and S files. the CD also contains loads of the latest sic modules from around the world. Plenty on e to keep any user or even a demo freak going ges!

£18.99

3D ARENA

A superb 3D CD that contains many objects for Imagine, Lightwave and Real 3D for the Amiga and PC computers. One exclusive aspect for this CD is the 24Bit Club's objects/images for Lightwave. You'll only find them on here! Also attribute files, tutorials, utilities.

£19.99

LIGHT WORKS

A superb-compilation brought to you by Tobias J. Richter, reknown for his amazing spaceships of famous science fiction films. The objects are complex, highly detailed and seem very real due to the superb surface texture techniques used. Ideal for both experts and beginers.

£29.99

PRO CLIPART 2

This is a multi-format CD that contains data in IFF and PCX format for Amiga and PC users. Includes categories such as animals, boys, cultural, floral and natural, girls, holiday, literal, mythological, scenery, transportation and work images. For Amiga/PC computers.

£17.99

GFX SENSATIONS

A collection of the best graphics tools, 24Bit images, animations and a huge collection for Imagine and Lightwave users: Anatomy, animals, aviation, bathroom, botany, buildings, clocks, computers, food, kitchens, lamps, ships, space, sports and much more!

£16.99

CD BOOT v1

This allows you to use any CD32 game on your A1200 or A4000. You can create a config file for every game. Comes with a complete English based manual and can run around 98% of CD32 games.

£26.99

SOUNDS TERRIFIC

This CD contains over 1.2 Gigs of sound and music data. It will form part of any professional musicians library or amateurs collection. 4,600 modules, 14,000 samples, 568 Sonix scores, 4500 instruments, 302 octamed modules and more!

£17.99

C64 SENSATIONS

CALL FOR DATE

This CD gives you almost 10000 C64 megademos and over 600MB of software. Mega demos, games, utilities for the Amiga and PC computers. Latest versions of emulators for both machines (the commercial version of A64 v3 for the Amiga). C64 experts have compiled a best of a CD.

£18.99

AMIGA DTV

Many original textures start this CD-ROM. Backgrounds in JPEG format, over 200 colour anti-aliased fonts, 3D object data for Ligtwave, Imagine and Scuplt. It also contains many up-to-date utilities such as Main Actor, Ham Lab, Fracint, Anim players and more.

£13.99

UTILITIES 1-1500

The utilities 1-1500 CD contains the very best utilities and tools from PD Soft's library (mainly during 1994). Education, business, sound utilities, hobbies, emulators, programming, printer tools, virus killers and much more!

BARGAIN! **£7.99**

GIGA GRAPHICS

Giga Graphics is the ULTIMATE collection of graphics for the AGA Amiga. Over 10,000 images on this quad-pack CD. All images are in 24 Bit and HAM 8. Superb price for 4 CD's! Suitable for all AGA Amiga owners.

£34.99

SOUND WORKSHOP

Over 1 Gigabytes of data on this double CD. Includes MIDI files in various formats (MIDI, MIM), hundreds of MB's of music to listen to or change/edit for your own applications. Over 5000 modules, 1000 VOC files, 1000 WAV files, 1000 samples.

£17.99

HOTTEST 5

Hottest 5 contains some of the very best games, demos,utilities, animations, slideshows and more from October to early February this year. This CD also comes with a 50-page black and white booklet and BBS support on the compact disc itself.

£15.99

TEN ON TEN PACK

An Almathera collection, reviewed in this months magazine consisting of ten CDs. They are: Team Yankee, Pandora's CD, World Vista Atlas, Illustrated Shakespeare, CDPD1, CDPD2, Demo 1, Comms and Networking, Fonts & Clipart and Photo Library CD.

£35.99

INTERNET INFO

17,420 text documents straight from the Internet. FAQs on every subject imaginable, discussions from Usenet, Internet guides and more. An ideal way for the novice user to understand the Net!

£16.99

ILLUSIONS IN 3D

Here is a CD with loads of 3D hidden pictures, the utilities you need to create your own images and also the objects needed to create the 3D "hidden" effect! Programs such as Stereogram to produce the image as well as hundreds of source files in a myriad of gfx formats.

£5.99

ADULT SENSATIONS

This CD is for adults only, it contains soft porn material no worse than the Sun newspaper. If this material offends you in any way please refrain from purchasing the CD. Proof of age (18+ only) needed when buying this CD. No proof = no CD.

We do not condone or supply hard core material

£17.99

MEETING PEARLS 2

Carrying on the excellent tradition this entire CD is run from HMTL "internet" style pages. More utilities, games, tools, music and Midi, FAQ's, PasTEX files and MB's of other data. This CD is similar to the Aminet series except it could be classed as more technical.

£8.99

WS ANIMATIONS

A double CD animation extravaganza!

All the animations are ready to run from the CD, through an Amiga Guide file system. Some stunningly large animations, some over 5MB in size. Suitable for both the Amiga and PC.

£17.99

GROLLIERS £28.99

A superb, and the very best, encyclopedia for the CD32 or any AGA Amiga computer

17BIT DIMENSION 5

Following on from Phase 4 17Bit bring you their latest PD CD release. Their disks up until August 1995.

Get this for £16.99

LSD VOL III £17.99

The latest CD brought to you from LSD. Contains 95% of PD that has never appeared on any other CD!

WS FONTS

Another popular Wierd Science compact disc.

This CD contains 2000+ Adobe and CG fonts, some PS fonts, 500+ bitmap, 190 coloured, 240 IFF, 139 Pgs, 24 Prodraw, 500 Truetype, 132 PCX, 300 GDOS and more!

£7.99

WS CLIPART

Must be nearly third in the most popular CD ever produced.

Contains megabytes of B/W IFF bitmaps, colour IFF, proclips, EPS, Pagesetter, Pgs, IMG, Corel Draw and coloured brushes for Deluxe Paint. Bargain! This CD-Rom is suitable for Amiga, PC and MAC computers.

£7.99

(01903) 850378 SEASOFT

VISA MasterCard Access SWITCH

VERY LATEST & BEST PD ONLY 80P PER DISK FOR 10+ DISKS

OctaMED V6
£35.00

95% – Amiga Shopper
94% – CU Amiga
91% – Amiga User
9/10 – Amiga Computing
New font-sensitive GUI layout, Loads & saves Std MIDI files, Supports RAW, IFF, AIFF, WAVE, MAUD samples (mono & stereo)
Save mods as executable files
Supports Aura sampler and Toccata sound board.
(Requires Kickstart 2 or greater and 1.5 Meg Ram)

T.I.12 - £2.50

Latest issue of the MED Users Group Disk mag. Essential reading for all OctaMED users
(Iss 6 to 10 also available)

NEW – LOOM – £10.00

LOOM is an exciting departure from the normal methods of Amiga music production. It is a hybrid between a simple, yet powerful visual programming language and a composition system.

Simple music OBJECTS are assembled together and modified with various mathematical functions including data from Chaos Theory & Fractals etc.

(Needs 4 Meg of RAM)

2323 AUTO STEREOGRAM V4B # (1)
Produce Stereogram pictures
2325 CANON PRINT STUDIO # (1)
2326 ZENEX # (1)
Excellent puzzle game
2327 THIRD DIMENSION 15 (1)
Latest disk Mag for 3d Con Kit users
2328 MALEDICTION # (1)
Impressive games
2332 TEMPLE OF DECREASE #^ (1)
Traditional AGA Demo
2333 SPACED OUT # (1)
Demo of two excellent platform games
2334 NIBBLE # (1)
Colourful Boulderdash clone
2335 EXCELLENT CARD GAMES III #^ (1)
Poker, Czarina, Colours, Scottish & Napolean
2336 COARSE ANGLER # (2)
Excellent coarse fishing game/simulator
2338 MANDALA (1)
Fractal Generator
2339 FEARS 1 #^ (1)
One level demo of this impressive game
2340 DOPUS UTILS VOL 2 (1)
Various utilities for use with D'Opus
2341 CHANEQUES # (2)
Excellent game – watch out lemmins!
2343 MUI DEVELOPERS KIT (1)
2344 PAGESTREAM 3H UPDATE (2)
2347 CHILDREN CLIPART (2)
Mono clipart of Children
2349 VENUS CARD SET #^ (1)
2350 ADVANCED D&D CARDSET #^ (1)
2351 REN & STIMPY CARD SET #^ (1)
2352 DOOM 2 CARD SET #^ (1)
2353 ASTERIX CARD SET #^ (1)
2354 GREYHAWK CARD SET #^ (1)
2355 KATHY IRELAND CARD SET #^ (1)
2356 RECORD COVERS CARD SET #^ (1)
2357 SREET FIGHTER 2 CARD SET #^ (1)
2358 PAMELA ANDERSON CARD SET #^ (1)
2359 KYLIE CARD SET #^ (1)
Note Card Sets listed in this ad are only for use with Klondike V3 or Deluxe Card Games
2360 IMAGINE OBJECTS # (1)
Dinosaurs objects for use with Imagine 2/3
2361 NITE BEFORE XMAS CARD SET #^ (1)
Use with Klondike/Deluxe Card Game
2374 – MAGIC WB EXTRAS 11 #^ (2)

2376 - MAGIC WB EXTRAS 12 #^ (2)
Various extras for Magic Workbench including Icons, Backdrops etc.
2378 - STEREOPTICON (1)
Produce true stereoscopic pictures
2379 - NOTEBOOK (1)
Flexible all purpose organiser
2380 - DOWNLOADER (1)
26 new fonts for use with 24 pin dot matrix printers or compatible printers.
2381 - BALLS (1)
Well presented Shareware Lottery predictor based on previous numbers - The best I have seen to date.
2382 - SEVERED HEADS #^ (X) (2)
Graphic adventure game, adult only
2383 - BATTLE SHIPS (1)
Traditional 1 or 2 player board game
2384 - AMIGA DOS GUIDE # (1)
Comprehensive Amiga Dos guide
2385 - DEVILS ABODE (X) # (1)
3d Graphic Adventure game

2403 - WAC AMOS SPECIAL #^ (1)
Amos disk mag – a must for amos users
2404 -ZONE READER #^ (1)
A utility for Amos programmers
2405 - EMOTIONAL CONFLICT #^ (1)
Impressive Graphic Adventure game
2406 - HP LASER JET 4 DRIVER (1)
LJ4 Boost, Miniprint, HP4L, Control
2407 - CMS TRAX 7 # (1)
5 Excellent OctaMED Modules
2408 - MULTIVISION 9 # (1)
ArtPro, DPix, ChipRip, GfxCon, Gifftolff
2409 - MULTIVISION 10 # (1)
AGracCon; Iff.FX.Aga; Flick 1.4; JIV.
2410 - MULTIPRINT 5 # (1)
Miniprint; Neat; MiserPrint; TapeCover; Primera Printers; Epson FX & LX; 550CFonts; LJ4 Boost.
2411 - DISK HELPER 9 # (1)
Iconimage; EasyWB; FullBench; Wasted Time; Tool/Alias; ClearRam; HD Sleep; MakeFast; CatClock; SmartCopy; Chunkit; Afill; Cybernetic Attorney; Drop'nt2
2412 - DISK HELPER 10 # (1)
OSK; MFT; XPK; Knight; Disk Saver; WBX; Virus List Find Crunch; Aga Utils; ResRom; SerMouse
2413 - AUDIO MAGIC 14 # (1)
Sample Scanner; Mod.to.smp; MiniPlay, Interplay2, CDTV Player.
2414 - AUDIO MAGIC 15 # (1)
Hippo Player; CD player; Sid2Midi; Symphony Pro; Play16; Player6.1a; XPlay; 60APlayer.
2415 - OFFICE HELPER 4 # (1)
Amiga Diary, Quick File, FHS Spread, Intra2.16.
2416 - PAMELA ANDERSON (X) #^ (2)
10 excellent pics of famous model
2418 - CLAUDIA SCHIFFER (X) #^ (3)
Stunning pics of this beautiful woman
2521 - THE WORD 5 #^ (1)
NFA Disk mag – interesting reading
2522 - TERM V4.4 # (3)

PD/SHAREWARE PRICES

1 disk – £1.50, 2 to 4 disks – £1.25, 5 to 9 disks – £1.00, 10 to 19 disks – 80p, 20+ disks – 75p
Prices per disk – Number of disks shown in brackets
Titles marked # will not work on A500 (V1.2/V1.3); ^ will not work on A500+/A600; (X) are suitable for over 16s only

2386 - TINY TOONS CLIPART (1)
Mono clipart of your favourite characters
2387 - WORDS V2.3 # (1)
Spell checker for ISpell & Gold Ed (lha format)
2388 - MR GREEDY (1)
Excellent Story book for young kids
2389 - CMS TRAX 6 #^ (1)
5 excellent Octamed Modules
2390 - ALIENS CONFIDENTIAL MULTIMEDIA #^ (9)
9 disks packed with interesting facts
2399 – BATTLESHIPS (1)
Traditional 1 or 2 player board game
2400 – THIRD DIMENSION 16 # (1)
Latest 3D Con Kit users disk mag
2401 – NO SAMPLER UTILS 4 # (1)
Various convertors, rippers etc.
2402 – BANK MANAGER #^ (1)
Banking program

2525 - TERM V4.4 030 #^ (3)
Latest version of this powerful Terms prog.
2428 - HD GAMES INSTALLER 4 (1)
Loads more games Powerdrive etc.
2429 - ABYSS DRUGSTORE #^ (2)
2431 - FREEZER LECH #^ (1)
2432 - BOSNISK METALL #^ (1)
Three of the very latest AGA Demos
2433 - KIDS 7 # (1)
Excellent programs for young kids
2434 - BATMAN 3 CARD SET #^ (1)
2435 - STAR GATE CARD SET #^ (1)
2436 - VIRUS CHECKER V6.57 (1)
The very latest virus checker
2437 - INTERNET UTILS 2 # (1)
AmiTalk; AmiTCDHelper; AmiWatch; Control Panel; GUIF; Online O Meter.
2438 - ESSENTIAL AMINET 7 # (1)
Image FX & Image Studio data/patches; LHAControl; LJ4Boost; MasterISO; MReko; Photogenices; Project Midi; UND 64; XDM.
2439 - FRODO V1.5 # (1)
Commodore 64 emulator
2440 - ROM 4 DISK MAG # (2)
All you need to know about the Demo scene
2442 - COMMODORE 64 GAMES # (10)
10 disks full of hundreds of C64 games
2452 - STAR TREK GUIDE # (6)
All you wanted to know about StarTrek
2458 - DR WHO ANNIVERSARY # (5)
Do you know who the Daleks were?
2463 - CHRISTIAN ANDERSON STORIES (3)
Famous stories – text book on disk
2466 - FINDING THE TRUTH # (3)
All the latest on UFO findings
2469 - DOS MAN (1)
Ref book for beginners and experts.
2470 - IMAGE STUDIO 2.1 (2)
Latest version of this excellent program
2472 - THE WORD 6 #^ (1)
NFA Disk magazine
2473 - AMIGA E V3.2A # (2)
Latest E Compiler (lha format)
2475 - PICTURE BOOK #^ (4)
Stunning AGA Demo – worth a look
2479 - ALIEN #^ (1)
Excellent AGA demo
2480 - SCOUT # (1)
Comprehensive System Monitor

AURAL ILLUSION 2
£20.00

8/16 BIT SAMPLE PROCESSOR
32 bit processing
55 manipulations
30 Effects including Time Stretch, Graphic Eq. Mixer & Resonant Filter
Compatible with most popular 8/16 bit file formats including IFF, AIFF, WAV, VOC etc.
Improved Synthesised Sound Editor
(needs Kickstart 2 or greater & 2 Meg of RAM)

MIDICRAFT MAGAZINE

Following on from where the highly successful AM/FM left off, this new disk based mag from the Craft Brothers is a must for all Amiga musicians

£2.50 per issue
(Issue 7 now available)

MIDI MODULES

High quality Music-X and Amiga/PC MIDI files (state format required) produced and arranged by Kevan & Gareth Craft

Volume 1 - £15.00
Vol 2 for Keys - £10.00
Volume 3 - £20.00
Dynamite Drums 1 – £10.00
Dynamite Drums 2 – £15.00

Call for further details

UTILITIES

1310 COPIERS UNLIMITED (1) #
Excellent collection of copiers
2082 DOPUS COMPANION (1)
A must for all users
1997 FINAL WRITER PATCH (1)
Speed up FW V3 by up to 400%
2273 GOLD ED 3 #^ (1)
Comprehensive text editor (HD req)
2009 HARD DRIVE UTILS # (2)
Aback Up, Fix Disk, VC, Click Dos 2, ReOrg, Tools Daemon, Mr Back Up.
2003 IMAGE STUDIO V2 # (2)
Image processor and conversion package
1200 KICK V1.3 (1)
Get those old programs working on your A500
1719 LION KING CLIPART (3)
Colourful clipart from the Disney film
1344 MAGIC WORKBENCH #^ (1)
Jazz up your WB – needs HD
788 MESSY SID 2 (1)
Amiga > PC convertor
1261 N COMM V3 (1)
Classic comms package
2295 – PC TASK V3.1 #^ (1)
Demo of the latest PC Emulator
1318 PRINTER DRIVERS (1)
Canon BJ; HP Deskjet; Ricoh LP1200
966 SID 2 (1)
Directory utility
2162 SPONDULIK 5 #^ (1)
Powerful personal accounts system
2321 TS MORPH V3.1 # (1)
Professional morphing program

A1200 ONLY

2059 ASI FIX DISK 3 (1)
More excellent degraders
1885 AGA UTILITIES (3)
Rend24, PPShow, Viewtek, BBlank, ForceVGA, DoubleX, Plasma, Icon Illusion, Quick Grab, Ham8-JPeg, Clouds
1619 A1200 HD SET UP (1)
A1200 HD prep disk
2268 BIG GIRLS 2 (X) (3)
Well presented 20 "Page 3" pics
2180 ECSTACY (1)
Excellent Acid/Rave demo
2272 FINAL WRAPPER V3 (1)
Various Macros for Final Writer
2257 GREEN DAY (3)
HD/lha format – Excellent Megademo
2173 ITCHY & SCRATCY 4 (X) (1)
A must for all Simpsons fans – sick!
2251 MAN ON THE MOON (4)
Req HD/4 Meg Fast/2 Meg Chip to run this very powerful AGA Demo
2330 – MELCHOIR (1)
HD/6+Meg Impressive Demo (lha format)
2329 – MOMENTS (1)
Stunning well presented AGA Demo
2092 M.U.I. V2.3 (1)
Magic User Interface – lha format
2318 roots 2 (1)
Impressive Demo from Sanity
2314 SUN SLIDESHOW (1)
Stunning fantasy pictures
2319 WALLACE & GROMIT CARDSET (1)

LATEST CD-ROM's
free postage & packing (UK only)

AGA EXPERIENCE	£20.00
ADULT SENSATIONS	£17.50
ADULT SENSATIONS 2	£17.50
AMINET 7	£13.50
AMINET SET 1 (quad)	£25.00
AMOS PD V2	£17.50
ASSASSINS COLLECTION 2	£17.50
C64 SENSATIONS	£17.50
FRESH FONTS 2	£17.50
GRAPHICS SENSATIONS	£17.50
HOTTEST AMIGA MEGA DEMOS	£17.50
HOTTEST 5	£17.50
LSD/17 BIT COMPENDIUM 2	£17.50
MULTIMEDIA TOOLKIT 2	£22.50
PROFESSIONAL IFF/PCX 2	£17.50
SOUNDS TERRIFIC	£17.50
SOUND & GFX WORKSHOP (double)	£17.50
SPECTRUM SENSATIONS 2	£17.50
UPD GOLD (quad)	£25.00
WS ANIMATIONS (double)	£17.50
ZOOM	£17.50

OTHER CD-ROMS AVAILABLE PLEASE CALL FOR DETAILS

GAMES & EDUCATIONAL

2121 AZ PAINT PAD (1)
Excellent paint package A-Z pics
2274 FEARS 2 #^ (1)
1 level demo of Doom style game
2303 HD GAMES INSTALLER 3 (1)
2286 JUMP EM GAME (1)
Commercial quality platform game
2312 KLONDIKE CARD SETS #^ (2)
Fireman Sam & Rosie and Jim for kids
2320 LAST LAP # (1)
Excellent overhead car racing game
2275 LETHAL FORMULA # (1)
Excellent Graphic Adventure game
2280 M.A.S.H. GAME #^ (1)
Out of this world "Tanks" v "Spuds"
2209 PERSONAL ANALYSER # (1)
Do you know yourself?
2108 POKER MANIA (1)
Addictive Poker Game
2050 PICTURE MATHS (1)
Simple program make learning fun
2324 SPRING TIME # (1)
Commercial quality puzzle game
1526 WORD FACTORY (1)
Spelling game for young kids
1607 WORLD MAPS CLIP ART A-Z (9)
Colour clip art for DPaint 4 & 5, DTP etc.
ASSASSINS GAMES 1-244 IN STOCK
ASI 240 Catapults; Muntar; Super Daleks
ASI 241 China Tiles; Minerunner; Think Ahead
ASI 243 Colour mind; High Pressure; Tankkk.

MUSIC UTILITIES

1921 EAGLE PLAYER V1.54 (1)
Multi format music player (LHA forma
1462 MIDI TUTORIAL (1)
Problems with MIDI - Help is here
1989 MIDI UTILITIES VOL 1 (1)
1990 MIDI UTILITIES VOL 2 (2)
Loads of useful Midi utilities
1991 MUSIC X UTILITIES VOL 1 (2
Packed with Music X Utilities
1993 MUSIC X UTILITIES VOL 2 (
Various Synths Protocols, Voice/ Patch/Wave libraries
2204 OCTAMED V6 DEMO # (1)
Non save demo (1.5meg)
2024 PROTRACKER V3.15 (1)
Latest version of this popular tracker
1855 X BEAT PRO III (1)
The very latest Drum Machine

OCTAMED 5 & 6 MODULES

2322 DREAMS OF FLYING (1)
2029 EVOLUTION (2)
2242 NOODLES 3 (1)
2243 NOODLES 4 (1)
2171 OCTAPUSH ROCK 2 (1)
2224 OCTAPUSH WEIRD (1)
2031 THE THIN LINE (1)
We also stock the entire range of Med User Group Samples and Mods and loads of other Tracker Modules and thousands of IFF and Raw samples

IMAGINE OBJECTS PACK 1
10 Disks packed full of quality Imagine objects covering many subjects, something for everyone
£8.00

MAGIC WORKBENCH EXTRAS PACK 2
Packed full of Backgrounds, Icons etc. for Magic W/B. (Vols 1 or 2 -10 disks per set)
£8.00 per set

ASSASSINS GAMES PACK 3
10 Disks full of the very latest Games from the Assassins group
£8.00

EDUCATIONAL PACK 4
10 Disks packed with various Educational programs aimed at young children
£8.00

SAMPLES PACK PACK 5
10 disks packed with quality Samples for your favourite Music package
(State IFF or RAW)
£8.00

KLONDIKE, VIDEO POKER & BLACKJACK PACK 6
10 disk pack with these excellent card games for A1200 (HD required). With a number of card sets
£8.00

ZX SPECTRUM PACK 7
10 disks packed with the latest Speccy Emulator and various Speccy Games. Take a trip down memory lane!
£8.00

OctaMED MODS PACK 8
Hundreds of modules from the Med Users Group members collection
10 disks per pack, 10 vols currently available
£8.00 per set

CG FONTS PACK 9
Over 250 Compugraphic fonts (Vol 1 or Vol 2 – 10 disks per set) for WB 2 & 3, Wordworth 2+, Page Setter 3 etc.
£8.00 per set

BITS & PIECES PACK 10
450 files of various clips, drum loops etc. in Music-X (10 disks), Amiga MIDI (9 disks) and PC MIDI (9 disks) formats
£8.00 per set
(Please state format required)

DISNEY CLIPART PACK 11
10 Disks of Mono & Colour IFF Clipartform Donald Duck to the Lion King
£8.00

OctaMED 4 PACK 12
6 disks including the full version of this A500 compatible music program, manual, samples & modules to get you started
£5.00

GLAMOUR PACK 13
15 disks packed with AGA beauties from the famous Body Shop collection
£12.00
(A1200 only – not suitable for anyone under 16)

OFFICE PACK 14
5 essential tools for the small office – Word Processor, Database, Spreadsheet, Forms Designer & Accounts
£4.50

KIDS ONLY – £10.00

Originally due for commercial release this brilliant collection of educational activities is now only available from Seasoft

COLOURING PAD, I-SPY, PAIRS
DOT 2 DOT, PICTURE SLIDE,
MUSIC MAKER & WORD SEARCH

Each colourful activity has various skill levels making this title ideal for kids of all ages.

Demo version – PD Disk No 2282 (1)

Please remember to add the following Postage & Packing charges:

50p to orders for P.D./Licenceware only (£1.50 Europe, £3.00 R.O.W.) or £1.00 if your order includes other items (Europe & R.O.W. at cost).

Please make cheques/postal orders payable to SEASOFT COMPUTING and send to:
Seasoft Computing, (Dept CU), Unit 3, Martello Enterprise Centre,
Courtwick Lane, Littlehampton, West Sussex BN17 7PA
or telephone
(01903) 850378
10.00am to 7.00pm Mon-Fri (to 5pm Sat). Callers by appointment only please

F1 GOLD COLLECTION
all with printed manuals

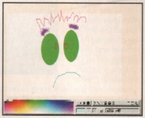
GRAC V1.1 – £6.99
Powerful Graphic Adventure Creator
BLACKBOARD V4 – £8.99
Comprehensive Image processor
MAGIC PAINT BOX – £6.99
Paint package especially for kids
INTRO TO DOS 2 – £6.99
Guide and Intro to WB and Amiga Dos
WE STOCK THE ENTIRE F1 RANGE

PD Utilities

This month Mat Bettinson picks the best PD he could find on the Aminet. What's more, it's all included on the Cover CD.

U Paint 1.80

Paint program



A PD paint package. Sounds good to me, let's fire it up. Oh dear, the first thing I see is a custom drawn attempt at a requester asking me if I want 'Hi-Res' or 'Lo-Res'. This is not a good sign. Selecting Hi-Res, my power LED flashes madly indicating that we are experiencing major Enforcer hits. (A debugging program for catching illegal memory accesses). Not a good sign. When the package appears, it's incredibly basic. You are mostly consigned to using the line tool. Thankfully the crash that resulted later brought an end to *UPaint*'s reign of B-Movie terror. Oh yes, it's on the CD if you want a laugh.

Available from: Snappy PD, 80 Ottawa Road, Tilbury, Essex RM18 7RH Tel: 01375 850365, Price: .65p + 70p P&P, CD-ROM path: Magazine/PD_Utils/U_Paint.LHA, Aminet path: N/A

12 %

Executive 1.1

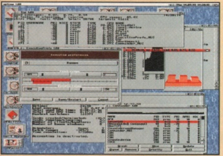
Multitasking enhancer

Forgive me if I rave about this but it's causing quite a stir in the Amiga community. Why? Because it's brought the Amiga's multitasking capabilities right up to date.

The Amiga's standard 'pre-emptive prioritised round robin' system has always been able to multitask comprehensively but was lacking if you wanted a lot of programs running simultaneously. *Executive* steps in with a full set of real task schedulers to give your Amiga multitasking technically the equal and more of the latest developments on other platforms.

So what does this mean? Envisage the situation where you have a lot of programs running at the same time. Suddenly you start processing an Image in some package. As the Image processor runs at an equal task priority as the other tasks on your Amiga, it will freeze your machine as it eats up all the CPU 'time'. You could fix this by lowering the task priority, but this isn't practical when running a lot of tasks. *Executive's* solution is to reorder all the tasks' priorities after measuring precisely how much CPU 'time' they are eating for themselves.

This unregistered version has only one type of scheduler included which is still superior to the Amiga's native capability. The registered version includes more and small tools for acting on tasks and displaying the CPU time that each task consumes. The extensive preferences program supplied comes in an MUI and non-MUI version allowing you to explicitly state what kind of multitasking certain tasks will get if their needs are something special. It's made my system more productive and with the addition of the key file costing only £5 from the author, it becomes the Shareware OS enhancement of 1995. Totally essential!



Get it on our CD-ROM, path: Magazine/PD_Utils/Executive.lha
Aminet path: util/misc/Executive.lha

Available from: Roberta Smith DTP, 190 Falloden Way, Hampstead Garden Suburb, London NW1 6JE. Tel: 0181-455-1626 Disk No: UT701 Price: .90p + 50p p&p

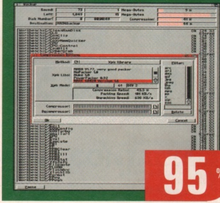
98 %

ABackup 5.0

Hard drive backup program

Once when my hard drive crashed and I lost all my hand made, ray-traced objects, I could never face starting again. Don't let this happen to you kids, back up your data with *ABackup*. This long-standing Shareware back-up program is now at version 5.0 and it's faster, safer and more powerful. Multi user-FileSystem and DiskSpare device are directly supported as is a plethora of compression methods including the highly useful XPK system. What's more, there's no Shareware cripples at all. Just a little requester that asks for $20 if you use it frequently. Small price to pay for a back-up program that's in many ways more professional and feature laden than the various commercial packages about.

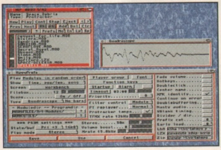
Available from: 17-Bit Software, 1st Floor Offices, 2/8 Market Street Wakefield, West Yorkshire WF1 1DH. Tel: 01924-366982 Disk No: 3896 Price: £1.00 + 50p P&P CD-ROM path: Magazine/PD_Utils/ABackup500.lha Aminet path: disk/backup/ABackup500.lha



95 %

HippoPlayer 2.11

Module Player



Hippoplayer is a classic Shareware mod player that's been updated so often that you wonder if there's much more they can do to it. It's small, fast and has most of the features I have ever needed such as the ability to play crunched XPKed modules and even modules out of LHA archives. Random shuffle and PSM3 digitally mixed playback are also on offer. Surround, Stereo (with channel mix settings), Mono, 'Real' Surround and 14-bit stereo are all there for some neat effects. Various built-in scopes are also included. These features are all built into a simple prefs page and the whole player itself can be iconified into a toolbar or left open with CD player like gadgets in a small window of the previous/next modules. Unlike the competition it doesn't suffer the features by being a largish 500K program just for a module player. Superb and definitely my favourite in this field. Yet another essential.

Available from: Pixel Digital PD, Unit 6, Laurel Business Centre, 15 Laurel Road, Liverpool 7.
Tel: 0151-259-4017
Price: £1.00 + 50p P&P
CD-ROM path: Magazine/PD_Utils/hip211.lha
Aminet path: mus/play/hip211.lha

92 %

Vark CLI Utils 8

CLI Utilities compilation

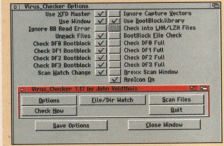
Not having seen the 'Vark' series from 1 to 7, I can't comment on the quality of previous incarnations but if the standard of volume eight is anything to go by, it's not too bad. Firstly all the docs are present and none of the filenames have been turned into meaningless numbers so if there's something useful you can easily copy it onto your HD. There are, amongst others, bootblock tools, module players/rippers, led/filter switchers and kickstart file analysers. There is the usual oddball mix which should be of use to everyone and certainly invaluable if you don't have much of a collection of these kind of utilities. Perhaps picking up the 'Vark' series to get such a collection might be a good idea. This is what CD-ROM drives were invented for.

Available from: Pixel Digital PD, Unit 6, Laurel Business Centre, 15 Laurel Road, Liverpool 7.
Tel: 0151-259-4017
Price: £1.00 + 50p P&P
CD-ROM path:
Magazine/PD_Utils/vark8.dms
Aminet path: N/A

77 %

Virus Checker 7.17

Anti-Virus checker/exterminator



Virus_Checker Options

Use XFD Master ☑
Use Window ☑
Ignore BB Read Error ☐
Unpack Files ☑
Check DF0 Bootblock ☑
Check DF1 Bootblock ☑
Check DF2 Bootblock ☑
Check DF3 Bootblock ☑
Scan Watch Change ☑

☐ Ignore Capture Vectors
☑ Use BootBlock.library
☐ Check into LHA/LZH Files
☐ BootBlock File Check
☐ Check DF0 Full
☐ Check DF1 Full
☐ Check DF2 Full
☐ Check DF3 Full
☐ Brexx Scan Window
☑ AppIcon On

Virus_Checker 7.17 by John Veldthuis
Options
File/Dir Watch
Scan Files
Check Now
Quit
Save Options
Close Window

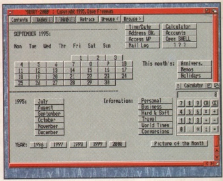
A classic long-running and regularly updated Shareware program, *Virus Checker* is famous and author, John Velthuis regularly updates it using new virus sent to him from around the world. *VC's* user interface is very simple, most of the time remaining iconified to a toolbar silently checking inserted disks and watching certain files for modification like your startup-sequence etc. If you get nothing else out of this month's ripper round-up, use the version on the cover mounted CD-ROM. It's the best.

Available from: KT's PD, 75 The Drive, Rochford, Essex SS4 1QQ.
Tel: 01702-542434: Disk No: U820
Price: 90p + 75p P&P
CD-ROM path:
azine/PD_Utils/VChk717.lha
Aminet path:
util/virus/VChk717.lha

90 %

Diary 2000

Personal Diary Utility



'DIARY-2000' : Copyright 1995, Dave Freeman
Contents
Index
Help
Retrace
Browse <
Browse >
SEPTEMBER 1995:
Mon Tue Wed Thr Fri Sat Sun
Time/Date
Address Bk.
Access WP
Mail Log
Calculator
Accounts
Open SHELL
? ? ?
This month's:
Annivers.
Memos
Holidays
1995:
July
August
September
October
November
December
Information:
Personal
Business
Hard & Soft
Travel
World Times
Conversions
Calculator
YEAR:
1996
1997
1998
1999
2000
Picture of the Month

Coming to you all the way from Pattaya City, Thailand, this is just a simple diary utility which allows you to build up a diary for the next five years. What makes it interesting is that the author has no programming experience and has constructed the entire package out of modular AmigaGuide scripts. This is certainly quite an astounding feat and even if it's not useful as a diary organiser it's certainly a brilliant tutorial/example of what can be done with the Amiga's unique AmigaGuide script language. The diary can access other utilities such as multiview and the calculator making it much more than a non interactive script. In fact the public domain text editor QED is included to enter in your own details. Recommended for those interested in AmigaGuide and how to make the most of it for documentation or wider uses such as demonstrated by *Diary 2000.*

Available from: Software 2000, 9 Wills Street, Lozells, Birmingham, B19 1BP.
Tel: 01827-68496
Price: 99p + 70p P&P
CD-ROM path: Magazine/PD_Utils/Diary2000.dms
Aminet path: N/A

84 %

Amiganuts

30 HARTINGTON ROAD, SOUTHAMPTON,
HANTS SO14 OEW

OUT NOW!!!

THE AMOS AGA EXTENSION
AUTHORISED BY MICHAEL PRINCE

&

AMOS DIALOG PROCEDURES BY
JOHN KINSELLA

£10.00 inc P&P

TEL: 01703 348943
FAX: 01703 366069

AND ASK FOR JOE
IF YOU ARE ON COMPUSERVE CONTACT:
The Amiganut→Joe
I.D 100740,147

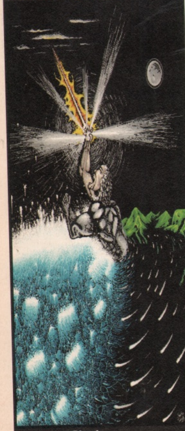
Art Gallery

Pixel Piccassos and pop art plagiarists abound in this month's look at the colourful world of Amiga art.

Making An Exhibition of ...

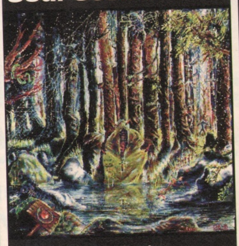
Paul Hamilton whose work appeared in Art Gallery August '95 (A quiet night in) will be holding his first exhibition of his Amiga artwork on 4-28 October at the Reflections Gallery, Exeter and Devon Arts Centre, Gandy Street, Exeter. Admission is free so you've no excuse for not attending.

Elements



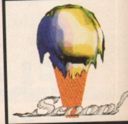
by Sucha Singh, Middlesborough.

Soul Seeker



by Daniel Brunkert,Sweden.

Ice-Cream



by Hisham Khalifa, Bahrain

If you think you can do better than any of the pictures that appear on these pages, send your artwork in to Art Gallery, EMAP Images, Priory Court, 30-32 Farringdon Lane, London EC1R 3AU. Or you can Email Lisa Collins at: gallery@cu-amiga.demon.co.uk

AMIGA workshop

BUYERS GUIDE 100
Want to know what constitutes a 'sound' investment when buying a sampler? Look no further than this months' buyers guide.

OCTAMED 5.04 102
Part 2 of Ed Wiles' OctaMED tutorial reveals the time-saving delight known as the Sample List, along with some explanation of the instrument parameters.

COMMS 104
Get a 'net social life with the amazing Internet Relay Chat system. Mat Battinson is here to talk you through it.

NET GOD 106
What about more on-line games for the Amiga then? Our 'net master calls for more combat over the phone lines.

IMAGE FX 108
Sharks in Sanfransisco bay and F 18 fighter planes ripping through the sound barrier – Tony Horgan shows the way.

PAGESTREAM 110
Making your own business stationary is explored by Larry Hickmott this month as he makes October's cover disk work for you. If you haven't got one, get a back issue!

GRAPHICS MASTERCLASS - PERSONAL PAINT 113
Personal Paint is stacked with special effects and image filters. Peter Lee explains how to use these to enhance your illustrations beyond all recognition.

BACK ISSUES/SUBS 110
If you want any of the cover disks mentioned in our tutorials then our back issues dept. may be able to help. But hey! why not save £17 and take out a subscription.

Wired World p104

Image FX p108

EM
magazine
Graphics Masterclass p109

Regulars

FAQ 115
Null modem connection is the subject of this month's FAQ, following considerable interest in last month's null modem games feature.

Q&A MASTERCLASS 120
Using *Arexx* for multimedia multitasking is the subject of John Kennedy's column this month. Windows95? As if!

Q+A 122
Tony and Mat emerge once again from a dark, smoky room with all the answers you need to help your Amiga run smoothly.

BACKCHAT 126
Readers letters continue to provide the best insight into what's happening on the Amiga scene.

POINTS OF VIEW 130
The man they call Andrew Braybrook, of *Fire and Ice* and more recently *ViroCop* fame tells us what he thinks of software publishers lack of CD32 support.

Sound samplers are the subject of this month's comprehensive buyers guide. Our cover disk tutorials continue apace with OctaMED, Image FX and PageStream and Peter Lee gets on with his tutorial on Personal Paint, the latest version of which is bundled with the new Amiga A1200 and A4000T. Next month his tutorial will look at that version too. All this plus Comms, PD and Q&A. Read on ...

Buyers Guide

Sound Samplers

With a sound sampler you can grab any noise from the real world, store it in your Amiga, manipulate it and create wonderful music. Prices range from £30 to over £1,000, so which is right for you? Take your pick from this round-up of all current Amiga sound samplers.

MegaloSound

Supplier: HiSoft

Tel: 01525 718 181

Price: £29.95

MegaloSound is CU Amiga's favourite budget sampler. It plugs into the parallel port and offers simultaneous stereo sampling. It's quite small and has a 'gain' control for adjusting the sensitivity of the cartridge to the incoming sound, making it easier to record with a good sound to noise ratio.

Software-wise, it has a customised user interface with obscurely marked graphic icons and text labelled buttons. Even so, it rates highly thanks to its many editing functions and effects including: lowpass filter, highpass filter, centre bias, brighten, smooth, phaser, bass boost, treble boost, flange, distort, metallic, X fade, portamento, repitch, chorus, echo, reverb, pipe, modulate, tremolo, pan, vibrato, Y flip and resample. You also get plenty of handy functions for finding smooth loop points. All effects can be used to alter samples in memory, and many can also be used in realtime on sounds coming through the sampler cartridge.

Sunrize AD516

Supplier: Premier Vision

Tel: 0171 721 7050

Price: £1173

The Sunrize AD516 hard disk 16-bit audio sampler is strictly for professionals only – as dictated by its price (£999 ex VAT) if nothing else. It comes in the form of a Zorro card for big box Amigas, so it's not compatible with the A1200.

However, it is compatible with the powerful MIDI sequencer Bars and Pipes, as well as the PAR card (a realtime digital video recorder) and the Broadcaster Elite system. It has been designed for professional audio visual work, rather than as a sampler for musical applications. Along with its excellent software, it offers a timecode support, eight track 16-bit audio output, realtime effects processing from its on-board DSP chip, and has enough power to enable soundtracks to be synchronised precisely with video.

Unless you're intent on producing soundtracks for videos or some similar application, you would be better off looking elsewhere, as it prefers to work in a linear fashion, rather than as a multi-timbral instrument. For those whose budget will stretch, it is undoubtedly a luxury that will be welcomed with open ears.

Aura

Supplier: HiSoft

Tel: 01525 718 181

Price: £99.99

If you demand more than 8-bit sound quality from your Amiga, you could do worse than take a look at Aura. It's only available for the A600 and A1200 because it makes use of the PCMCIA ports featured exclusively on these machines.

The hardware sports three pairs of phono sockets: one pair for input, one for output, and another input to be connected to the Amiga's standard audio sockets. This is so you can have the cartridge connected to the Amiga and your speakers without having to switch wires around when using other programs. Sound is sampled and played back through the cartridge at 12-bit resolution, but all processing within the software is carried out in 16-bits for cleaner results.

The good news is that OctaMED 5.04 and above has direct support for Aura, giving you the option to replace one of the four 8-bit channels with a 12-bit Aura channel. The Aura software is pretty good too, with lots of neat effects. The realtime effects are particularly useful – just about clear enough to be used in professional music production. You can even double-up these effects, simultaneously using a phaser and reverb routine for example. Thanks to the support of OctaMED, it is now of real use to musicians, rather than just a bit of a novelty.

AURA
Audible Reality

DSS 8 Plus

Supplier: Power Computing

Tel: 01234 273 000

Price: £55

DSS 8 Plus was developed by the highly respected GVP and is now sold through Power Computing. From the outside, the most striking thing about the DSS 8 Plus is the clear plastic case on the sampler unit, but that's just for showing off to your mates. The hardware is similar to most other 8-bit samplers, plugging into the parallel port and offering two phono input sockets.

The software is quite flash affair, featuring a neat interface and an inbuilt tracker for knocking up tunes. One of the unique options available in DSS 8 Plus is the special high frequency filter. This removes high frequencies (such as hiss and cassette tape noise) before the sample is recorded into memory, and leads to very clean samples when dealing with bass sounds, far superior to filtering after sampling.

For the more experimental users, the hardware can be controlled via ARexx from within other programs. It doesn't have the biggest range of special effects, but for good quality basic sampling it's hard to beat.

TechnoSound Turbo II Pro

Supplier: New Dimensions

Tel: 01291 690 933

Price: £40 (8-bit cartridge) £40 (12-bit add on)

TechnoSound is a well established favourite with Amiga musicians. It seems to have reached this position by simply refusing to go away. Every now and again it gets an update with new features (hence the long-winded title), but the general operating methods have remained faithful to the original version. It's now available as an 8-bit sampler or a 12-bit version.

Unfortunately the 12-bit sampler doesn't upgrade your standard channels to 12-bits. Instead it allows you to sample, manipulate and replay sound at 12-bit resolution, but only from the TechnoSound software.

This is another system that uses software with a customised interface. Unlike the MegaloSound software, the CU Amiga team find the TechnoSound interface is rather awkward and fiddly, but that really is a personal preference, and you may well feel differently about it.

Apart from the standard editing functions, the available effects include: clean up, X flip, Y flip, delay, multiple echo, phase shift, amplify, soften, octave up or down, note up or down, pitch up or down, compress, maximise, fade in and fade out. It also includes a host of voice-changing effects, direct to hard disk recording, comprehensive filtering and a built-in tracker section. If you can get over its quirks, TechnoSound Turbo II Pro is worth a look. Check out the full review on page 84 this issue for more details.

Toccata

Supplier: White Knight Technology

Tel: 01920 822 321

Price: £299

Like the Sunrize AD512, the Toccata is a Zorro card for big box Amigas but it's substantially cheaper. It offers 4 channels of 16-bit audio, which it likes to record and play back direct from a hard drive. Its host software, Samplitude Pro, costs an additional £115.

Unlike the AD516, there's no DSP chip for realtime effects, and timecode isn't supported. However, it can be linked up to the VLab Motion realtime JPEG video card to provide soundtracks for your digital video productions. Good news for musicians is that it can be used directly with OctaMED from version 5.04 and above. Anyone looking for a cost-effective 16-bit sound card expansion would do well to consider the Toccata.

Akai SO1

Supplier: Akai UK

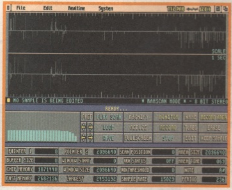
Tel: 0181 897 6388

Price: £799

This isn't actually an Amiga peripheral but it's worth considering if you're after a 16-bit sampler. For musicians, it has plenty of advantages over the Amiga-specific 16-bit samplers.

It comes with 2Mb of RAM (15.6 seconds worth of sampling time), and can play up to eight voices at once. Although it only has a mono output, the 16-bit sound quality is excellent, with a fixed record rate of 32 KHz. Samples are saved out to the SO1's internal floppy drive, which unfortunately is not Amiga DOS or MS-DOS compatible.

It's a standard MIDI instrument, so it can be driven from any MIDI sequencer such as Music X, Bars and Pipes, OctaMED or KCS. With any luck, prices of outboard MIDI samplers will come down soon. Even so, the SO1 is the cheapest of its kind, and as such is recommended to musicians who need more sample power.



NO SAMPLE IS BEING EDITED

* RAMSCAN MODE * - 8 BIT STEREO

POINTER 1 0
POINTER 2 2096640
SCAN POSITION 0
AREA SIZE 2096640
BUFFER SIZE 0
WINDOW START 0
VOX STATUS OFF
AREA TIME 069
CHIP MEMORY 1871440
WINDOW SIZE 2096640
VOX THRESHOLD 0
NOTE A#
FAST MEMORY 2682136
LARGEST 2453192
SAMPLE RATE 15029
PERIOD 236

◀ **Technosound Turbo 2 Pro introduces 12-bit sampling for all Amigas.**

Product	Price	Compatibility	Hardware type	Resolution
MegaloSound	£29.95	All Amigas	Parallel port cartridge	8-bit
TechnoSound Turbo 2 Pro	£40+£40	All Amigas	Parallel port cartridge	8/12-bit
DSS 8 Plus	£55	All Amigas	Parallel port cartridge	8-bit
Aura	£99.99	A1200	PCMCIA cartridge	12/16-bit
Sunrize AD516	£1173	Big box Amigas	Zorro card	16-bit
Toccata	£299	Big box Amigas	Zorro card	16-bit
Akai SO1	£799	All Amigas/MIDI	MIDI instrument	16-bit

OctaMED 5.04

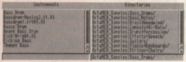
There's a whole orchestra of instruments in OctaMED just waiting to be tapped into. All you have to know is where they are and how to use them and that's where we come in ...

In last month's effect-based tutorial, we used the same instrument, the drum beat, throughout. However, it's very unlikely that you'll spend all your *OctaMED* days using just the one instrument; eventually you'll acquire hundreds. This month we'll learn how to keep track of them all, as we look at each instrument's unique settings.

The sample list

Whether you're running from a hard drive or from floppies, the best way to keep track of all your samples is to use the Sample List feature. This cuts out plenty of disk swopping and directory reading that would otherwise be necessary each time you wanted to locate and load a new sample. Creating the list is easy: you just select your sample directories from a file requester and *OctaMED* reads in the names of all the files. You can then select samples from this list, and *OctaMED* will know exactly where to find them (asking you to insert the relevant floppy disks if necessary). This is how it's done ...

Load *OctaMED* and open the Sample List Editor window (Display menu). On one side you'll see the list of sample directories, on the other side the samples that are in these directories. There was a sample on last month's CU cover disk (you did buy it, didn't you?), so let's add it to the list.



Bass Drum
Bassdrum-Analog2.11.AI
Bassdrum1.tr909.AI
Bassy Drum
Heavy Bass Drum
Kick-Bright.AI
Kicking Bass
Thumpy Bass

OctaMED_Samples:Bass_Drums/
OctaMED_Samples:Bass_Notes/
OctaMED_Samples:Brass+Woodwind/
OctaMED_Samples:Cymbals+Hi-Hats/
OctaMED_Samples:Drums+Percussion/
OctaMED_Samples:Effects+Speech/
OctaMED_Samples:Guitars/
OctaMED_Samples:Pianos+Keyboards/
OctaMED_Samples:Strings+Choirs/

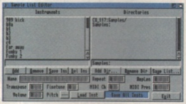
OctaMED_Samples:Bass_Drums/

Firstly, we'll remove all the existing directories in the list because we don't actually have any of them. So click Remove Dir (bottom-right) until the list is empty. Next, insert last month's cover disk, then click Add Dir (bottom right). In the file requester, click Volumes and CU_117 then click Samples and the OK button. Wahey! The directory name and AcGuitar sample should have appeared in the list (don't worry, it gets better than this). If you have any more sample directories, do feel free to add them. If there's a mixture of samples and other files in any directory, add the directory anyway and remove the non-sample files by clicking on their names and clicking Remove (bottom-left) one by one.

A right rip off

Remember the two demo songs on the *OctaMED* program disk? Using the Sample List Editor, you can 'rip' (extract) the samples from these songs. So let's do it. Have a completely empty disk called Samples (or something apt) at the ready. Then add it to the list by clicking Add Dir again (and click Volumes then Samples, or whatever you named your disk). Answer After Current in the requester.

Next, load the Drum Solo song into memory (it's in the Modules directory of *OctaMED* disk 2). Finally, open the Sample List Editor if necessary, click on the Samples: directory in the right-hand list, then click the Save All Insts button (bottom-right). Wait for a bit and the song's entire sample collection will be saved to your disk. Do the same again for the Jungalistic song and you should have a directory like the one in the screenshot.



909 kick
b0a
b1
b2
b3
c4
far away
funky 1
funky 2

CU_117:Samples/
Samples:

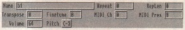
Samples:

Pitch —

Instrument settings

Each sample has a collection of settings which affect the way that it's played. These settings are shown in the boxes below the lists (from Repeat down to Pitch). Click on the first sample in the list ('909 kick'), and you'll see that it has a RepLen value of 600, for example.

For now, we'll concentrate on the Pitch setting and change it for three percussion samples. Click on the 'b1' sample, then change its 'default pitch' to C-3 by holding the left mouse button on the box beside Pitch (currently containing —) and pressing I (the C-3 key). The box should show C-3 if everything's gone smoothly. Now in the same way, change the 'h5' sample's default pitch to E-3 (the P key). You'll need to drag the instrument list's black scroll bar to reveal 'h5'. Done? Finally, set the default pitch of 's0d' to D-3 (key O). When you've finished, save the sample list by clicking Save List (bottom-right) and click OK in the requester.



Name b1
Repeat 0
RepLen 0
Transpose 0
Finetune 0
MIDI Ch 0
MIDI Pres 0
Volume 64
Pitch C-3

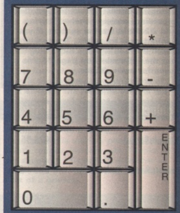
Loading made easy

You can now load samples directly from the Sample List, without having to read and disk directories.

Close the Sample List window and clear the current song (from the Project menu). You can access the Sample List by clicking the small button marked in red in the screenshot here. Click the Samples: directory, then click on 'b1' and it will be loaded. Play it to make sure. Select instrument 02 (use the Next Inst/Free buttons if you like), then load 'h5' (use the scroll bar). Finally, load 's0d' as instrument 03, and close the window.

So you see, the sample list is a pretty neat effort-saver. And remember the instrument

The Numeric Keypad



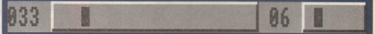
Keys...

- **0-9: Selects instrument 0 - 9.**
- **.: Toggles first instrument digit (e.g. 05 -> 15).**
- **+, /, -: Next/previous instrument.**
- **(, /,): Decrease/increase current instrument's volume by one.**
- **/: Selects last used instrument.**
- ***: Picks instrument number nearest cursor.**
- **Enter: Selects an alphabetical instrument (press Enter then key A to V).**

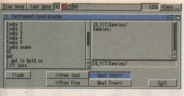
A Sound Ticking Off

'Ticks' are OctaMED's basic unit of time, much like the seconds of a clock. In fact, you can think of Tracker editor blocks as hours, lines as minutes, and then ticks as seconds.

It's possible to play one Tracker editor line every tick, but usually lines are played on every sixth tick. This is controlled by the smaller tempo slider (top-right of main screen) which normally shows 06. It's best to leave this factory setting alone and adjust the longer slider, which controls how long one tick lasts. So the length of ticks is variable, and thus ends the analogy with seconds, having of course a fixed length. (I've never understood how the length one second lasts is defined. How can you store a length of time? Oh well.)



Ticks are largely ignorable, but they're important in a few cases. Hold specifies its time-length in ticks, so a value of 4 is two ticks less than one line (using the six-ticks-per-line standard). And while notes are played on the first tick of each line, effects such as pitch sliding are handled on every tick. Take player command 0D, which changes a note's volume by a certain amount. With level 01, the volume decreases by one level per tick. So with six ticks per line, this translates to six levels per line.



Funky 1
Funky 2
Funky 3
Funky 4
Funky 5
Funky snare
05
hat
I got to hold on
Lift bass

CU_117:Samples/
Samples:

CU_117:Samples/

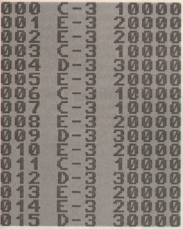
settings (Pitch, RepLen etc.)? They've been loaded too. Open the Instrument Parameters window – 'parameters' just means settings – by clicking Inst Params (top-middle of screen), and note the Default Pitch setting at the very bottom. If instrument 03 is selected, it's D-3 – just how we set it.

Default pitch

What is this default pitch anyway? Well, percussion sounds are generally played back at one pitch, unlike instrument sounds. So instead of remembering the best-sounding pitch of every percussion sound, why not let *OctaMED* remember instead? Hence the default pitch. You play the sound at its default pitch by pressing the F key. So when constructing a beat out of several percussion samples, you need only use the F key to enter every sound, rather than thinking, "Right, I key for bass drum, P for hi-hat…". Oh, the convenience.

So switch Edit mode on and fashion a drum beat using instruments 01 to 03 in lines 000 - 015 of track 0. And you're only allowed to use the F key! And for even easier entering, try using the numeric keypad (if your Amiga sports one) – use keys 1, 2 and 3 to select instruments 01 to 03. See the panel for more details. If you're stuck for ideas, enter these instruments in sequence:

01 02 02 01 03 02 01 01 02 03 02 01 03 02 02 03

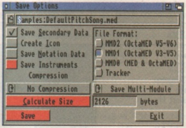


```
000 C-3 10000
001 E-3 20000
002 E-3 20000
003 C-3 10000
004 D-3 30000
005 E-3 20000
006 C-3 10000
007 C-3 10000
008 E-3 20000
009 D-3 30000
010 E-3 20000
011 C-3 10000
012 D-3 30000
013 E-3 20000
014 E-3 20000
015 D-3 30000
```

Ready? The first 16 lines should be percussion-filled. OK, here's tip of the month for repeating these 16 lines throughout the block. Select Track menu -> Copy in order to copy the track to the copy buffer. Now press F7 to move to line 016, and select Edit menu - > Paste Range. This will repeat the part you just copied. Press F8 and select Paste Range again, and similarly with F9. We'll go into more detail about copying in a forthcoming tutorial.

Play the block and have a little dance. OK. Other than loading instruments, the other sample list godsend involves disk space, or the copious saving thereof. Usually *OctaMED* saves a song together with the instruments it uses in one big file, but alternatively it can save only the instrument names and the note data. When you later reload the song, *OctaMED* loads the instruments directly from your sample disks using the sample list to locate them.

Right, open the Save Options window (Project menu) and select some sort of filename. Now click Calculate Size (bottom-left). It will probably be around 9K or so. Switch off the Save Instruments tick box, and check the size again. It will now be about 2K, which may not seem a big difference, as there are relatively few samples in this song, but if you use lots of biggies, the saving will be enormous. Click Save to save the song, then clear the entire song and reload it to watch *OctaMED*'s automatic-loading in all its glory.



Samples:DefaultPitchSong.med

☑ Save Secondary Data
☐ Create Icon
☐ Save Notation Data
☐ Save Instruments

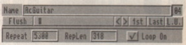
File Format:
○ MMD2 (OctaMED V5-V6)
● MMD1 (OctaMED V3-V5)
○ MMD0 (MED & OctaMED)
○ Tracker

Compression: No Compression

2126 bytes

Useful parameters

The Instrument Parameters window (reopen it using Inst Params) contains many more useful settings. The top box is the instrument's name and the slider beneath this is used to cycle through all the available instruments, along with the buttons below the slider (1st, Last and LU). Flush deletes the instrument from memory.

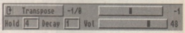


Name: AcGuitar 04

Repeat: 5300
RepLen: 318
☑ Loop On

Repeat, RepLen and Loop On set the sample's 'loop': rather than dying away, the sample will be sustained until you stop it. This is due to a particular part of the sample being repeated over and over again or 'looped'. The AcGuitar sample, for example, has a loop. Load it in using the sample list, then open the Sample Editor window (Display menu). The black squiggly line is the sample in picture form. See the two 'loop pointers' on the right of the sample picture? This is the repeated section. Play the sample and you'll see a white marker flicker over the repeated section when it's reached. More on this fascinating window next month!

With Transpose you can make sure your instruments are in tune with each other. Try it out on a melodic instrument like AcGuitar; use the slider to adjust the pitch in whole semitones (for example, a value of -1 makes F-2s sound like E-2s). Click the Transpose cycle gadget to tune in finer steps.
Hold and Decay control a note's exact length and subsequent fade. For a quick demo, set



Transpose: -1/8
Transpose slider: -1
Hold: 4
Decay: 1
Vol: 48

AcGuitar's hold/decay to 4 and 1, enter a note in the Tracker editor and play the block. The Hold duration is given in 'ticks' (see box-out), the Decay in goodness-knows-what but values above 10 are pointless, although 0 is possible. Use player command 08 with a note to override the hold/decay (first level digit is decay, second is hold).

The Volume slider is a popular one, try adjusting the volumes of the three percussion samples we've used. Player command 0C overrides the Vol value. Just the MIDI gadgets left, which we'll cover later. ■

Ed Wiles

Wired World

PART 4

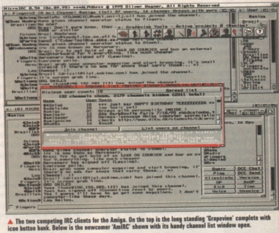
Lonely on the 'net? This month we get social on the Internet Relay Chat.

The Internet Relay Chat or IRC is a neat system for conducting realtime conversations with multiple participants across the Internet. Comments from other people in the conversation appear on your screen as they are typed, each one labelled by name so that you know who is saying what. You join in by typing comments from your keyboard, which appear on the screens of the other users.

Setting up is fairly easy, and once you get into it, it's so entertaining that you could see your phone bill rocketing! If you haven't done so already, sign up your Point of Presence (PoP) phone number with BT as a premier line, and you'll get 15-20% off calls on that number.

We'll presume that you already have a working AmiTCP set-up and a dial-up SLIP account. If not, you can catch up on previous Wired World instalments by ordering the relevant back issues. See the contacts panel at the front of the magazine for details.

If you have been following the series, you should already have the software required to access the IRC right now. Concerning the software you'll need, there are two options. The first is to use a piece of telnet software, such as NapsaTerm which comes as part of Demon Internet's installer software.However, NapsaTerm is rather shoddy. There are better clients available but the real solution is to use something known as the 'telser' device. This allows you to telnet using a real terminal package (such as NComm or Term) with the advantage of the extra features available from these packages. If you have the CD edition of this month's magazine, you can find the telser device on the cover CD in the directory 'Magazine/Wired_World/'. Have a read of the documentation provided with the package. Once installed, you simply change the 'serial.device' in your terminal package to 'telser.device'. Now you can telnet from your term package by typing 'ATDT dismayl.demon.co.uk 6666' instead of a phone number.



```
MicroIRC 0.54 (06.09.95) ***ALPHA*** © 1995 Oliver Wagner, All Rights Reserved
Fingers2 [0 mc] Channel #amiga (tal) 37 users, 14 chanop: Orypas with pers
      <Joins> DeadlyAs (FDJANECICJ@uck1.uni-lj.si) has joined the channel.
 <Chan Modes> Mana gives channel operator status to Fingers.
    Brazilian No one?
          ORG Braz: Don't sure know, they
              3500 or similar
       foivos Braz: Rephrase
      <Joins> iro (iro@tosds1.tos.co.at) h
      <Parts> bano2 ("CyberTool@na.sbbs.se) has left the channel.
 <Chan Modes> Mana gives channel operator status to Stoebl.
  <Nicknames> iro is now known as Mercenary.
          ORG Braz: Try to get hold of an 16k8 DS COURIER and buy an external
              daughterboard for V.everything. like much cheaper
      <Quits> Mercenary has signed off (Leaving).
      Fingers Everyone smile.
         Mezu Braz: grab some computer magazine and start browsing, it's small
              miracle if there's no ads for shops that carry those... =)
          Log Cheese! :)
      <Joins> Druzil (drizzit@tial.eskimo.com) has joined the channel.
      Fingers It's screen grab time.
    <Actions> ORG SMILES
```

```
MICROIRC.1 - Channel list (Server dismayl.demon.co.uk)
Minimum user count: 10                Reread list
     132 channels shown, 2179 channels hidden (2311 total)
Name          User Topic
#42plus        10  *** Just say HAPPY BIRTHDAY TEZZZZZZZZA **
#adelaide      10  (no topic set)
#amiga         37  Orypas with personality INSIDE !
#amigafr       13  Ake Bar&Bouffe Paris 7/10/95 phb@colombo.t
#amigager      23  German-language Amiga computer appreciatio
#amigascne     14  check: http://www.diku.dk/students/cdcurry
#nakka         16  Kvaak
       Join channel              List users on channel
```

```
  <Join> Druzil (drizzit@tial.eskimo.com) has joined this channel.
Fingers It's screen grab time.
<Action> ORG SMILES
  <Join> twas (twas@150.152.205.113) has joined this channel.
  <Quit> twas has signed off (Connection reset by peer).
Brazilian Yes I guess I'll have to go get some magazines.  I don't
          computer-like these days.
<Action> Log Smiles.
```

▲ The two competing IRC clients for the Amiga. On the top is the long standing 'Grapevine' complete with icon button bank. Below is the newcomer 'AmIRC' shown with its handy channel list window open.

Telnetting is just like using a terminal package in that all that's involved is a simple interaction with text. Text is sent to you which you see and when you type, text is sent to the other end. The beauty of telnetting is that you can communicate with another system anywhere in the world, be it an IRC server or a BBS, for the cost of a local call. You'll find plenty of Amiga BBSes that you can telnet to.

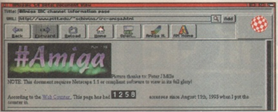
Linking up

In this case, however, we want to get onto the IRC. To do this, link up as you would normally then enter 'Telnet dismayl.demon.co.uk 6666'. This means you want to telnet to Demon's IRC server on port 6666 which is used for telnet access. Now you'll be prompted for some details about your terminal. Enter VT200 here and then you'll be prompted for your 'Nick'. This is the nickname by which you are known on the IRC. It's a good idea to pick one and remain consistent so that people know who you are. It's possible that someone else might be using the name that you pick, whether you've used it before or not, in

BBSes you can Telnet to

Telnet Address	BBS Name	Location
bbs.mxi.com	Anything Goes	!Hawaii
199.234.150.15	The Flying Toaster	Pittsburg, USA
chat.multiversum.com	Freeport Cafe	Hamburg, Germany
205.149.166.40	Gnomes Guest House	San Jose, USA
hotcity.com	Hotcity	San Jose, USA
incubus.franken.de	Incubus	Wuerzburg, Germany
tka.com	The Kobayashi Alternative	Maine, USA
laserbase.com	Laserbase Communications	Austin, USA
olib.org	OpenLibrary	Kansas, USA.
obscurity.pd.mcs.net	Principle of Obscurity	! Chicago, USA
portal.com	Portal	! USA
proton.com	Proton Palace Professional	! Canada.
198.17.249.33	The Stormfront	Spokane, USA
tfbbs.tvinet.com	TerraFirma	Vancouver, Canada

Note: Don't enter a port number for all these sites.
! = Amiga BBSes (many have Amiga material anyway)



Title: #Amiga IRC channel information page

URL: http://www.pitt.edu/~schivins/irc-amiga.html

Picture thanks to: Peter J Mills

NOTE: This document requires Netscape 1.1 or compliant software to view in its full glory!

According to the Web Counter, This page has had 1258 accesses since August 11th, 1995 when I put the counter in.

▲ **The #Amiga IRC channel has attained such levels of fame that it even possesses its very own WWW home page maintained by 'Babylon5'. There's details on most of the channels regulars in case you're curious.**

which case you'll be told to choose another nickname. Either way, you can still use your original choice, but just add an underscore (_) or similar to the end of the name, then the people in the channel will still know who you are.

Once you've logged in, you'll need to join a channel. Type '/JOIN #Amiga' and you'll log into an IRC channel all about the Amiga. This channel usually has at least 30 people on it and via telnet you'll be sent a burst of names which are the nicknames of all the people on the channel.

Their comments will scroll by on the screen with the 'nick' on the left-hand side indicating who said what. If you type something, your words will go out to all the other people who will see your 'nick' on the left and your words on the right. You are now on the IRC! To leave that channel type '/LEAVE'. You might like to try a general chat channel like 'GB'. Try '/JOIN GB'.

Homegrown

While you can telnet to the IRC in seconds, there is a better but slightly more complex way of getting onto the IRC. This involves running your own dedicated IRC client, such as Grapevine. This is a package that will interface with the protocols used in the IRC networks and so provide a more intuitive interface. In practice it blows the bananas off telnetting and I highly recommend you give it a shot.

▲ **#Amiga's 'Louraaa' which goes to prove that the IRC isn't the sole domain of man.**

If you followed last month's Wired World you should already have Grapevine. Otherwise you can find it on the CD-ROM from the CD issue of this magazine, in the aminet/comm/net directory. Follow these steps to install it on your system.

1. Extract the archive file to your chosen destination (usually your hard drive) using the extractor utility on the CD.
2. Open a Shell window and use the cd command to move into the directory to which the archive was just extracted.
3. Type

```
dir
```

hit Return and you'll get a list of the directory, which should include a file called DCC (if not you're in the wrong place).

4. Enter

```
LHA x DCC-Send-1.12.lha
```

and hit Return. This should extract a load of files from that mini archive and put them into the DCC directory.

5. Now 'cd' to the DCC directory and rename the three files with the .AS225 filename extensions to delete those extensions, ie

```
rename DCC.ChatAS225 to
CDD.Chat
```

and do the same for the remaining two. Grapevine is now fully installed. Just link up and double click on the GV icon.

Heard it through the grapevine

When you start Grapevine, the chances are that it will attempt to connect to 'irc.colorado.edu'. This isn't ideal. There's no need to connect to the States to get on the IRC so enter the 'Settings/network' menu and substitute 'irc.colorado.edu' with 'dismayl.demon.co.uk' or another server like 'stork.doc.ic.ac.uk' which is a good choice if you're not a Demon subscriber. There's also 'rv.eng.abdn.ac.uk' in Aberdeen and 'coanwood.ncl.ac.uk' in Newcastle. Leave the port number on 6667 which is the relevant port for all of these servers. While you're here, enter your names in the other boxes. Now enter the 'Settings/user' menu and enter your first choice for a 'Nick'. Now, select 'Server/Connect...'. Enter the IRC server you put in 'Settings/network' earlier and Grapevine should spring into life. You'll see it automatically proceed through the registration process.

Now it's time for a '/JOIN' command. Try '#Amiga' for now. If all went well, you'll see the user box appear and you'll land right in the middle of the #Amiga IRC channel. Refer to the documentation in the Grapevine archive for further information. You'll find it to be an item of software the Amiga can be proud of.

There's a new IRC client that appeared in the last few weeks, for those looking for an alternative to Grapevine. It's called 'AmIRC' and it uses Magic User Interface to build the GUI, which is either good or bad depending on your opinion of MUI. Whilst only in the Alpha stage of development, I thought it was impressive enough to put on this month's Cover CD. In order to install, just extract the archive and run the main program called AMIRC. That's it. Everything is built-in like DCC and the like. It also has a built-in feature to download the latest version which is a good thing because I can guarantee there'll be a new version out by the time you read this. The choice between the two fantastic IRC clients comes down to personal choice. I urge you to have a look at both. People with slower Amigas may want to use Grapevine but alternatively, AmIRC has some excellent features like the channel list window etc.

In case you want to chat, you can find me most often in the #Amiga or #AmigaCafe channel using the 'nick' of Fingers. Hope to see you there soon. ■

Mat Bettinson

Amiga IRC Channels

On Effnet:

The network that started from the Electronic Frontier Foundation server in the States. It's by far the biggest and most diverse but it does suffer the IRC bane of 'netsplits', where Servers lose the connection between themselves over the 'net and 'lag', where the time taken for messages to get around the globe increases drastically. This does little to discourage the users though.

#Amiga:

This channel is one of the biggest on the IRC network EFFnet (the most common IRC network in use). It has a resident robot ('bot) known as 'Mama' which does all sorts of wonderful things like searching the Aminet archives for you and even sending you files directly. When in this channel enter '/MSG mama help' and she'll oblige you with a quick tutorial on what she's about. This channel is often criticised for having some elitist local 'Ops' or Channel Operators that terrorise new users, so beware. Never announce you are a new IRC user publicly. Use the private message system by typing /MSG <nick> <text>. E.G. If I'm there, say hello by typing '/MSG Fingers Hello!'

#Amigascne

This channel is more to do with the Amiga scene than the Amiga computer as such. It tends to be full of Demo fans and programmers. Drop in a check out #Amiga's little brother. It used to have a 'bot too called 'Papa' but the operators of the German IRC server where it was based, banned it. Boo!

#AmigaCafe

In answer to the criticisms that the #Amiga channel is full of overzealous channel operators who are quick to flame and kick new users off the channel, #AmigaCafe is touted as the friendly new Amiga channel. All men are equals and aggressive behaviour is strictly off topic. Makes a change from #Amiga sometimes.

On Undernet:

An alternative network which can be connected to in the UK by means of 'uk.undernet.org'. It's smaller, faster and has near zero netsplits. Unfortunately it suffers from Catch 22: No-one uses it because there's nobody there. Hence it's not as popular as EFFnet. Shame. The #Amiga channel also lives in this network.

Surf's up

The surf king wants more decent 'net games. Plus, what's hot and what's not in net land.

Net God Speaks

'Give us for network capable Scorched Tanks!' screamed the #Amiga IRC channel in the topic banner, referring to the lack of proper network games available for Amiga 'net nuts .

That's right, this month I'm going to moan about the lack of good games to play over the net. How about Gloom? Wouldn't it be great if there was a Gloom server where we could all swoop in for a MUD with a difference. <drool> It's not hard to do either ... those games that already support serial links just need to have the facility to change the device used so that we can play them over the 'net via the incredibly useful TelSer device. Why limit link games to a local or even national call when the world is crying out for a decent game of Alien Breed 3D.

Commercial developers and Shareware programmers alike take note, we'd pay good money for the prospect to cut, blast and nuke each other to bits across the Internet. How about giving it some thought eh? Go on, my sovs are in the post if you do.

On a slightly different note, the Amiga conferences were strangely devoid of probing questions from one of their most vociferous advocates: John Kennedy. The reason? In case you haven't heard he got married in September!

News:

Zeus BBS unveiled

The Zeus BBS software has been hot news ever since it entered beta testing. Finally it's been released to the public. The Brighton based programmers Nick Loman and Alex May released Zeus on the 30th of September at a party that drew SysOps from all over the world to celebrate.

Zeus promises to provide one of the best BBS host packages on any machine, let alone the Amiga. Advanced features such as *Arexx* menus, local RIP viewing, multiple message base formats, including Internet support and the Hydra bidirectional protocol, have had many SysOps jump ship from other less capable software. The BBS package draws heavily on Arexx for its near infinite configurability so some knowledge of the language would be useful.

If Zeus sounds like it may be the BBS package you're looking for, why not contact the Zeus team on E-mail: `zeus@mistral.co.uk` or WWW: `http://www.mistral.co.uk/zeus.html` for more details.

New IRC client

Oliver Wagner, author of CLChat has unveiled a new standard IRC client, AmIRC, to compete with the American programmed Grapevine. AmIRC will use MUI to build the user interface, a move which should cause controversy as opinions on MUI are extremely polarised.

Wagner's earlier client CLChat was a valiant attempt at taking on the IRC monopoly by allowing Amiga users to set up their own servers and directly link them to others. The problem was that Amiga owners failed to be motivated to participate in the CLChat network and it remained deserted. So it should be interesting to see how this one is received. At any rate, the new features and ease of installation make AmIRC worth a look for anyone either new to the IRC or a Grapevine old hand.

On hearing the news Grapevine author Brian Cerveny was heard to say, "Interesting how it has adopted my channel text method."

demon.ip.support.amiga debates A1200 package

Since the announcement of the A1200 bundle contents, Demon Internet Services' Amiga customers have been debating the worth of the packages included in the bundle. The general consensus was positive on most scores apart from the games software.

Criticisms were levelled, though, at the high price of the bundle whilst others thought that an Internet package should have been included.

Team Amiga offers grass roots support

Rick Lembree, an American contributor to the AMIGA Fidonet echo, has created what he described as a grass roots support club called 'Team Amiga'

The single rule for membership is, "That you are an Amiga fanatic who extols the virtues of the Amiga to anyone and everyone you meet who is interested in computers and now that the Amiga's future is looking up, you'll continue to do so even more fervently than before."

Rick also asks that you get your details to him so that they can be added to a membership list and he stipulates that he must be acknowledged as being the 'one who started all this'.

Anyone trying to organise some Amiga support must have their heart in the right place as far as CU Amiga Magazine is concerned. You can reach Rick via Fidonet at 1:326/209. ■

netgod@cu-amiga.demon.co.uk

Thor 2.1 released

The shareware Thor package provides a superb interface for mail and news handling and has been steadily improved since its incarnation. With the advent of the newly released version 2.1, many improvements have been added not least the inclusion of the ThorTCP package. This provides dedicated Internet Mail and News slurping clients (NNTP, SMTP and POP3) for Thor which turns it into an entire solution providing not only the means to read and write the electronic mail/news but to also up/download it from your provider. Many bugs fixed and small improvements have been added to the software which must surely make it the No.1 integrated mail and news package for the Amiga. You can find it on the Aminet in the comm/mail directory or you can drop into the Thor WWW homepage on:

`http://www.cs.uit.no/~kjelli/thor.html`

ting

sitive
the

the
nt that
have

idonet

Amiga'
per-
niga
es of

inter-
w that
g up,
en
"

get
they
ship
e
being
s'.
e
have
e as
is
Rick

uk

The new home cinema...

... read all about it in the November edition of PC Review. Comes with two high-density disks or one CD with up to 28 demos and games and money-saving programs.

The best magazine for the home PC owner.
On sale 15th October.

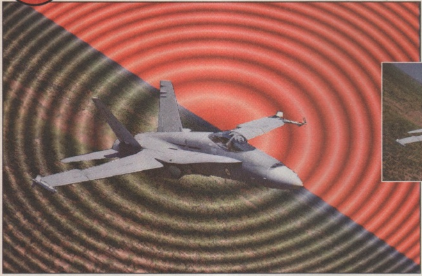
PC REVIEW

Image FX

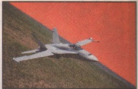
PART

5

Yet more stunning graphics tricks are uncovered in this month's Image FX tutorial.



▲ Break the sound barrier: this FA/18 Hornet has been warped through the sound barrier with a combination of Image FX processes. The ripple effect is achieved using the concentric circles image (below) as an alpha channel, which then lends its texture to the main image. The unaffected plane was then dropped over the top.



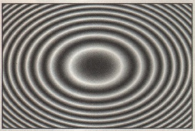
▲ A solarise effect was used on the sky to increase the colour content of the picture.

▲ Here's the original picture, as it appears on the Aminet CD-ROM, prior to processing.

▲ The plane was cut out from the original, then pasted back onto the rippled background.

The first of this month's *Image FX* creations introduces the idea of 'alpha channels'. Alpha channels are images that are used to alter the main picture, which can be very useful if you want to add textures to an image without destroying the original pixels.

The main image was taken from the Aminet CD-ROM from the CD-ROM edition of this month's CU Amiga Magazine. It's called 'fa18_kg.jpg' and is located in the Aminet/pix/vehic drawer. Take a look at the final image and you'll notice that the plane itself (unlike the background) is unaffected. The first thing to do then is carve out the plane and save it out to disk. The best way to do this is to cut out the plane as a rectangle, paste it onto a spare buffer and then remove the surrounding detail by hand. Save it back out once you've done that. Once the effects have been applied to the main image, you can paste the cut out of the plane back in position.



▲ This is the image responsible for adding the ripples to the background. It was created with Photogenics using the ripples loader.

Now you can start applying the effects to the main picture. First of all the sky has been recoloured to add some contrast to the predominantly green and blue image. Select Poly from the area button (usually marked 'Full'). Now mark out the area of the sky and select Solarise from the Colour menu. For a more dramatic effect, try selecting Custom and drawing out a wildly oscillating line on the graph. This will give you a wider range of colours in the sky.

Alpha channels

Here comes the alpha channel part. The image used for the alpha channel in this case was actually generated with *Photogenics* using its Ripples loader. Load this into the alpha channel using the Alpha menu. Copy the main image into the Swop Buffer using the Buffer menu.

Select Filled Rectangle drawing mode, and double click on it to access the draw mode options. Switch the Mode button to Rub Through and the Alpha button to Use As Texture. Now drag a rectangle from the top left corner of the picture down to the bottom right. The image in the alpha channel is used to give the main image a new texture.

You can now load the cut out of the plane back into the spare buffer, cut it out using the 'magic scissors' icon (double click on it) and paste it back into its original position on the main image (turning on Anti-Alias mode to smooth the edges).

increase

s on the

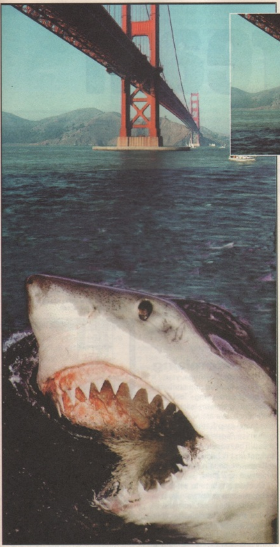
l, then

les

pha
ge
g the

draw-
k on it

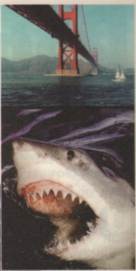
button
lpha
Now
top left
n to the
n the
give the
e.
cut out
spare
'magic
ck on it)
original
ge (turn-
smooth



▲ Say cheese! Mr Sharkey takes time out to terrorise the inhabitants of San Francisco Bay thanks to some simple image composition and the powerful Pantograph tool. Can you spot the joins?

▲ You can find this picture of the Golden Gate Bridge (goldgate.jpg) on the Aminet 7 CD-ROM.

▲ If it's scary fish you want, you can't beat a great white shark. Is that a hand poking out of his throat?



▲ Now that's not very convincing is it? The two pictures are obviously from different sources but the Pantograph tool will soon merge them seemlessly together.

Shark attack

This one is a striking but fairly simple combination of two images, except for one thing. The Pantograph feature was used in order to join the two without it looking obviously faked.

The source images are both on the Aminet CD for those with the CD-ROM edition of CU Amiga Magazine. The upper part is an image called 'goldgate.jpg' and can be found in the Aminet/pix/views drawer on the CD. The shark is naturally enough a file called 'Shark.jpg' and is in the Aminet/pix/fauna drawer on the same disc.

Once the images have been scaled so that their horizontal dimensions match, a new screen or buffer needs to be created. The dimensions of this need to be as tall as the combined heights of the two source pictures, with the same width. Load the picture of the bridge into the spare buffer, cut it out as a brush, and then paste it onto the top half of the empty buffer you just created. Load the shark picture into the spare buffer, cut it out and paste it onto the bottom half of the main picture.

You'll now have something that resembles the final picture, but the joins between the two will be very obvious (see top right). This is where the Pantograph trick comes in.

Pantograph painting

Pantograph drawing is available from the drawing mode options. You can use it to duplicate parts of an image in order to fill in or erase features. Choose a brush size of about eight pixels, and select solid line freehand drawing. Double click on this icon to access the options and cycle the Mode button so that it reads Pantograph.

Now move the pointer to a part of the sea above the shark, hold down the ALT key and press the left mouse button. This defines the source area of the picture, from which graphics will be copied when you paint elsewhere on the screen. Now move to the area between the two images and start drawing. When you release the mouse button you'll notice that the sea from above is duplicated in the area you've just covered. Repeat this process, re-defining the source point with the ALT key occasionally to keep it looking natural.

As you get closer to our fishy friend, you'll need to fade the waves into the dark water and spray around the shark. Gradually decrease the Blend percentage from the drawing options to get a natural graduation.

Pantograph mode is a very useful tool. For instance, it could be used in the same way to duplicate the lone yacht into a small flotilla of boats, or to extend the mountain range on the horizon.■

Tony Horgan

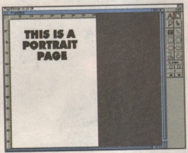
Memory Loss

If you seem to be getting continual 'Out of Memory' messages, try scaling your images down. If you still don't seem to have enough RAM, try disabling the undo feature and deleting all unused buffers (including the alpha channel).

Pagestream

Before powerful computers such as the Amiga, creating a stationery pack was the job of professional graphic artists. Not any more, CU Amiga Magazine and Softlogic have given you your very own design studio.

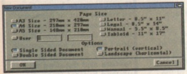
Using *Pagestream* you can create lots of items that would have previously cost lots of money to produce. As an example of this we are going to concentrate on the stationery pack for the next few months. Such a task gives me the opportunity to show off many of *Pagestream*'s features so you can make use of them for other jobs like newsletters and so on. This month I want to walk you through a number of the features in *Pagestream 2* that will help you to map out your pages. These functions include grids, guides and page sizes. The version of *Pagestream* I'm working with is the same as the one you should have from the CU Amiga Magazine cover disk. The stationery pack in these tutorials contains a letterhead, a set of three compliment slips and a sheet of business cards.



▲ A portrait page is one where the long edge sits upright.

1. Making pages

The first job is to create some pages. Select the 'File/New' menu item. This brings up the 'New Document' panel which is the starting point for all new documents. From here you can make use of seven predefined page sizes or click on 'User' and type in the size of a custom page.



New Document

Page Size

○ A3 Size - 297mm x 420mm
● A4 Size - 210mm x 297mm
○ A5 Size - 148mm x 210mm
○ User
○ Letter - 8.5" x 11"
○ Legal - 8.5" x 14"
○ Manual - 5.5" x 8.5"
○ Tabloid - 11" x 17"

Options

● Single Sided Document
○ Double Sided Document
● Portrait (vertical)
○ Landscape (horizontal)

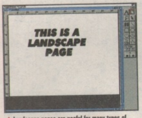
OK Cancel

▲ When it comes to creating pages you can go for predefined page sizes or use one gadget to create your own custom page size.

For the stationery pack, we want an 'A4' page size because that's the most common paper size used here in the UK and Australasia. CU Amiga readers in America will probably want to use another page size like 'Letter'.

Of the other attributes, make sure you have 'Portrait' selected as well as 'Single Sided Document'. This is because each of the pages we are going to create has only a single page. If you were creating a newsletter or book say, and wanted to make use of *Pagestream*'s 'Master' pages tool, you would probably choose 'Double Sided Document', because that will give you a Left and Right master page. This is essential for pages in documents where two pages face each other. (See the boxout for more information about 'Master Pages').

When you have set all the attributes for the new page, click the left mouse button on OK. With the document created, it's a good idea to save it in case of crashes or power failure. The first time you go to save a document, choose 'File/Save As' and give your file a name.



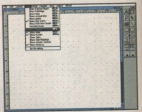
▲ Landscape pages are useful for many types of documents and can be easily created in PageStream 2 at the click of a button.

2. Customising

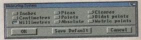
Last month in CU Amiga, you learnt how to set some attributes for *Pagestream* using `Tool Types' found in *Pagestream* 's icon on Workbench. We are now going to take that a step further and customise *Pagestream* for the jobs ahead. The reason we do it now and not first is because to save the settings, we need a document, which we now have.

Our first attribute to set is the unit of measurement you want to work with. This is set from the 'Global' menu. The default unit is 'Inches', something many of you will prefer. Me, I use 'Picas', while many others I'm sure will choose 'Millimetres'.

To set *Pagestream* to use the unit of your choice, select the button for it and then click on 'Save Default'. The unit I'm using during these tutorials is 'Millimetres'.



▲ Turn on rulers by selecting the 'Show Rulers' menu item or type in 'Right Amiga-9'.

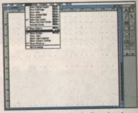


Measuring System

○ Inches
○ Centimetres
● Millimetres
○ Picas
○ Points
○ Absolute
○ Ciceros
○ Didot points
○ Metric points

OK Save Default Cancel

▲ You are spoiled for choice when it comes to choosing a measurement unit.



▲ Having a grid showing, can be distracting when designing a page. Use the mouse to select the menu item 'View/Show Grid' to turn it off.

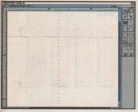
3. Ruling pages

Units are one thing, but you need to see them on a ruler to know where you are on the page. At the moment, we don't have any rulers visible, so choose 'View/Show Rulers' and two rulers will become visible.

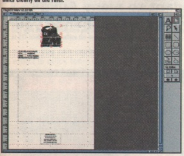
Master Pages

As we won't be using 'Master' pages during this series of tutorials, I'll give you a quick idea of what they're used for. In multi-page documents like newsletters, reports and books, you will generally have a number of elements that are repeated on every page. A page number or a header giving the title of the document, for example.

Instead of having to create these on each page, you can place them on a `Master' page and they will be present on every page in the document. Don't place just anything on the `Master' page though. Leave off items that you may want to edit later, like text colu mns for instance, because items from a 'Master' page can only be edited on the 'Master' page.



▲ To place your guides accurately, use the Zoom tool to go in close to the page so you can see the units clearly on the ruler.



▲ This is an example of how the guides can help when placing all the elements on the page.

4. On the Grid

You will probably notice that there is a series of dots across your page. This is the 'Grid'. To turn it on, click the tick next to 'Show Grid' in the View menu. To hide the Grid, go to the 'View' menu and click on the 'Show Grid' menu item. With no tick next to it, you can see it is set to off.

5. Guiding hand

Of more use, in my humble opinion, is the 'Guides' function. This is a non-printing line that can be placed on your page to help you align elements, as well as give you an idea of where things go on the page. The uses for 'Guides' is limitless and we will see a number of uses during this tutorial series. For now, I want to show you how to set some 'Guides' which will give you an idea of the margins you need for your pages. You should still be on page 1.

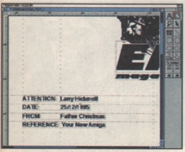
As most of you will have probably discovered, when you go to print a page, there are parts of the paper that the printer cannot print on. These are known as the printer's hardware margins. So, before doing anything in this document, you need to put some guides down on the page that outline the area on the page that your printer cannot print on. In my case though, I know the printer margins are much smaller than the margins I want for the edit area of the page. The Edit Area being the part of the page that will contain all the elements. In a letterhead for example, a useful set of margins is 25mm margins on both the left and right of the page. In some cases, those margins may be even bigger.

More important than the side margins, is the bottom margin. This will signal the point where all elements will stop. I normally use a 12mm bottom margin so I can place a page number there if needed. If your printer requires a larger hardware margin, this will need to be bigger. On some printers, you will have to allow for a 25mm bottom margin.

As for the top of the page, 12mm sounds good for that.

Now that I know how big the edit area is on the page, I can start putting the guides in position to mark it out. Use the 'Magnification Tool' to zoom in on the top left-hand corner of the page. As soon as you make out the units on the ruler clearly, click once on the Horizontal ruler at the 25mm point to create a vertical guide and then at the 12mm point on the vertical ruler to create a horizontal guide. That's two guides out of the way. You can now create the other two guides for the bottom of the page and the right-hand margin.

To remove a 'Guide', click on the ruler where the Guide intersects it and the 'Guide' will disappear.



ATTENTION: Larry Hickmott
DATE: 25/12/1995
FROM: Father Christmas
REFERENCE: Your New Amiga

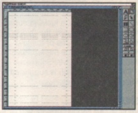
▲ With 'Snap to Grid' on, placing text objects is very easy as the elements snap to the guides on the top and left of each object.

6. Get in line

Guides are useful for more than just marking out where your margins are. They can also help you position elements on a page. If we take the letterhead as an example, there are a large number of objects that need to be placed on the page. There is the address at the bottom of the page and the pieces of text for your recipients name and any reference numbers required.

In most circumstances, you will have a rough mud map of what you want your letterhead to look like and the elements needed. This mud map can be used when putting your guides in place. If you take the example here, I have a line down the middle and many lines across the page. With these in place, when I create my elements, I can use the lines to quickly put the elements in position. Especially if I have 'Snap To Guide' ticked in the Layout menu.

Let's take the centring of elements around the guide as an example. Most people can guess where the centre of the page is, but if you place a line right down the middle and then use that line when positioning boxes, there is no guess work involved and you get a much more polished job. As an example of how these lines are going to be used, take a look at the screenshot of the finished page with the grid lines in place and you'll see how they work with each other.



▲ Although this many guides may seem messy, each one is necessary to help place all the items required.

▲ The above three pages show some good examples of using logos in your stationery.

We're getting close to finishing this tutorial, so I'd better tell you how to save all these settings such as 'Rulers' being on and 'Show Grid' being off. Go to the 'File' menu and just under 'Export' is an item called 'Save Doc Defaults'. This is used to save many of the default settings for the document layout commands. If you want 'Show Rulers' on in future, make sure 'Show Rulers' is ticked in the View menu and then choose 'Save Doc Defaults'.

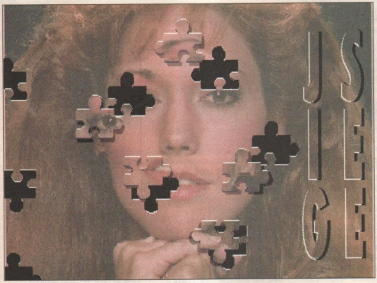
A few words of warning before we finish. The guides you have used will be repeated on all pages, so make sure you finish your first page before removing them and adding new ones to the second page. The other option is to create a second and third document for each of the other pieces of stationery which we'll deal with next month when we look at adding text to a document and everything that entails. ■

Larry Hickmott

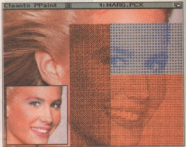
Personal Paint

PART 2

The wide range of Personal Paint's filters may seem a bit confusing and perhaps even a little redundant to many Amiga artists. But this month we show you how they can enhance your work, and skills, at the click of a button.



▲ The completed Jigsaw picture showing the pieces placed next to the 'holes' they came from.



▲ Different dither settings create different effects. Top right we have Cluster Dots at 26 levels, below it 10 levels of cluster dots and to the left dispersed dots with 65 levels.

For a budget program, *Personal Paint* certainly doesn't skimp on the features. And perhaps the most surprising, and rewarding, of these for a standard Amiga art package is the range of special effects it offers.

High-brow, high-cost dedicated alternatives which concentrate on image processing are all very well, but they pander to a niche market. With *PPaint* you can extend your flair and experiment to your heart's content, and still have a great drawing package too.

This month I'll be touring the range of effects available, offering a few ideas on the way on how you can soup-up your work; one flick of the wrist and a boring picture can transform into a real eye-catcher: here's how ...

So many features

Last month we focused on just one effect, stereograms. However, there are plenty more features lurking behind the Filters icon on the toolbar. Mainly you would use these on digitised images, to add your personality to them, to improve their artistic merit. There's nothing to stop you using the effects on your own artwork, and probably the nicest to use are Texture and Emboss, because they don't freak your original image about too much.

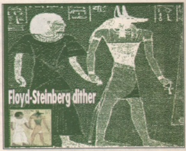
For this tutorial, I've stuck with digitised images. I've scanned in most of the images here but you have virtually unlimited access to digitised images in the Amiga public domain, both on disk and CD, and if you're lucky enough to be connected to a bulletin board, the things fairly bristle with images. Also, one of the joys of *PPaint* is that the source image doesn't have to be in the standard Amiga ILBM/IFF format – it can load in PCX and GIFs, which is supported by the vast majority of computers.

A bit dotty

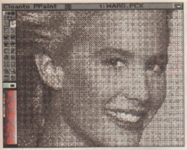
One of the simplest and coolest effects you can impose on an image is to render it down to its basic components of light and dark. The dither effect is ideal for this. It scraps the colour information, and instead uses variously sized dots and patterns to build up a new picture – very much like a newspaper, where halftone dots perform the same function.

You might need this effect to allow your printer to make a better job of the image; some black and white printers can't handle 256 colour images very well but can easily churn out a two-colour dot pattern. Or you might want to subdue the graphic image on screen so it doesn't detract from a text message, which may get lost in the complex colour shades.

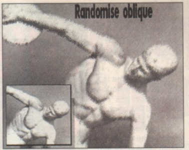
Whatever your reasons, the effect varies according to the dot levels you choose and the illustrations here show the types of



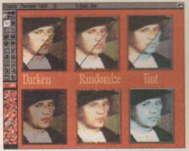
▲ Another form of dithering, to turn your image into monochrome, uses the Floyd-Steinberg technique; it's a little like the other dithers, but more subtle as it uses smaller, more regular patterns to create the whole image.



▲ **Although Personal Paint throws away colour and shade information when it uses the dither filter, the image is still recognisable and prints very well on a monochrome printer. The filter used was dispersed dots at 257 levels, which offers the best available quality.**



▲ **Here we have a fine figure of a man as our example. A grey-scale digitised image is turned into a pencil sketch by using the Randomize High filter, which disturbs the edges of an image sufficiently to create a hand-made feel.**



▲ **There lots of filtering going on here, showing the subtle effects which you can achieve with some of the wide range of filters available. There are just three examples shown here; darken, randomize and tint.**

results you can expect. A bonus is that this effect is quick too – you simply select your dot scheme from the effects menu, drag out a rectangle and the image is zippily converted, using the current foreground and background colour combination.

Texture

Unlike *DPaintV*, which allows you to impose any number of textures on an image (in a roundabout fashion, so don't get too excited), *PPaint* just has one texture and it's supposed to represent some coarse fabric, such as canvas. It's basically an embossed weave, which may or may not improve your subject, but on things such as portraits it does give a semblance of an oil painting, though the weave is so stringy it isn't too sophisticated.

Randomize

This effect actually achieves better results than its name implies and when used in the Oblique mode can turn a grey-scale image into something very close to a pencil sketch. It basically treats the picture like grains of sand, shaking them up, so your sharp edges disappear in a grainy contour.

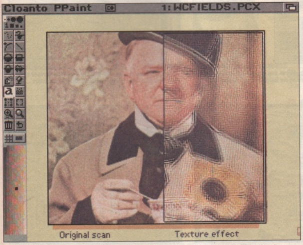
The effect can work well on colour images too, where pastel and charcoal effects can be simulated. If you follow up with the blur effect, you can create some realistic looking brushwork which even rivals some of the techniques used in *Photogenics*.

Watercolour

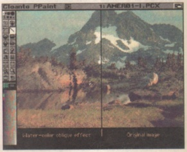
Applying this effect to a digitized colour image produces some beautiful effects, more like coloured pencils than watercolour to my mind, but still quite stunning. It streaks as it blurs to turn an ordinary snapshot into not quite a work of art, but very nearly.

Jigsaw

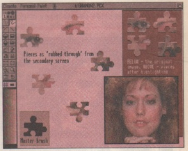
Here's a little example of the Rub Through effect, showing how you can use it to good effect. Initially I loaded in the image to the main screen and copied it to the alternate screen; this was simply to ensure the colour palette was identical on both screens. I erased the image from the alternate screen and on it drew a representation of a piece from a jigsaw puzzle and filled it in. I cut it out as a brush, erasing the screen again and selected 'rub through' from the effects menu. To locate good places for the pieces to be cut from, I flipped to the main image screen (key j) and back again, painting the jigsaw piece brush down on the alternate screen. This brought through a portion of the image from the main screen in the shape of the jigsaw piece. I repeated this simple process half a dozen times so that on the alternate screen I had six jigsaw-shaped pieces, all correctly positioned in relation to each other. From time to time I flipped the brush horizontally (x key) or vertically (y key) to add randomness.



▲ **Texture filter offers a one-shot deal; there are no parameters to adjust, you simply get what PPaint gives. In cases such as this, it's pretty good at simulating canvas, but it is hit and miss, so test on small areas before you use it as it can take a long time to render.**



▲ **The watercolour oblique filter can be used to superb effect on digitised images; this landscape photo can be made to resemble a fine art masterpiece with the effect.**


Cloanto Personal Paint
Pieces as 'rubbed through' from the secondary screen
BELOW - the original image, ABOVE - pieces after highlighting
Master brush

▲ **Here's the alternate screen from the jigsaw picture, showing the rubbed through pieces from the main face image. Adding a highlight to the small pieces gives a real sense of substance.**

I added a white highlight to the image pieces to add a sense of depth by selecting white as the background painting colour, and painting down each piece in turn with the right mouse button before offsetting it slightly and painting it down with the left button.

On the main image screen I used the original jigsaw piece brush,coloured black, and painted it down in the same locations as the RubThrough pieces were taken from. This left an impression of missing pieces, and I placed the rubbed-through images from the alternate screen adjacent to the holes they would fill in the puzzle.

As a finishing touch I added a slight shadow under each piece before painting it down, by using the Darken 25% option in the Filters menu and the original jigsaw piece brush.

Venus embossed

Here's an example of a superb effect which is a piece of cake for *Personal Paint* – emboss. The term refers to a technique which gives the impression that image lines have depth – they look as if they are raised above the surface. To do this, the program works out where the edges are on a loaded image, then adds a shadow and highlight to them, losing all the colour detail in the process.

The image I chose should look familiar – it's a section of Boticelli's Birth of Venus, and was used as the basis for one of the first pieces of artwork for the Amiga (in *Deluxe Paint,* along with the mask of Tutankhamun and the gorilla head). I scanned the detail in greyscale and added a few extra colours to the palette from within *PPaint* for any text work. This is easily achieved by choosing the 'colour/less colours' menu option and decreasing the number of colours used. I've added a variety of hues to show that it makes very little difference to the overall image if you have 250 greys, or 200.

Using 'emboss high' from the effects menu, it was then just a matter of drawing out a rectangle to encompass the face, and waiting for *PPaint* to work its wonders.

The emboss function is pretty robust, but there are no user-defined parameters to allow you to tweak it properly – which direction the light is coming from or how high the emboss edge is. But at least you can remove a lot of the unwanted 'noise' from the picture by using the 'blur low' effect on the embossed picture.

Remember, you can use as many effects on a graphic as you like, one after the other.

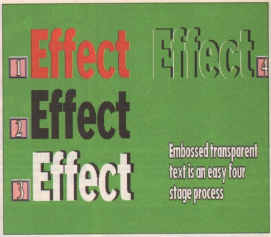
Blurring takes out the graininess and gives us a much more pleasant effect.

The next stage is to simulate stonework, and to begin this phase I used black and the filled freehand drawing tool to 'eat' away at the edges in a rough fashion. To add substance to the stone-effect image I added a drop shadow to it. This is done by selecting the shadow colour from the palette (in my case dark blue on a light blue background), pressing key F2 to turn the whole brush image into the colour, and painting it on screen before pressing F1 to restore the image. Next I moved the brush image, offsetting it half a centimetre, before painting it on screen over the shadow colour.

The final touch was the text, which although simply a dark and light outline, looks as it too has been carved out of the stone.

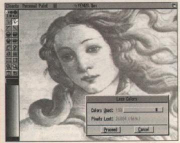
That's it for this month I hope you've enjoyed learning hoe to make beautiful creations. Next month I'll be back with more expert guidance to help you fine-tune your skills with Amiga graphic packages. Until then keep experimenting with *PPaint*. ■

Peter Lee


1 Effect
Effect 4
2 Effect
3 Effect
Embossed transparent text is an easy four stage process

▲ Placing text on an embossed image requires a little work to make it appear as if it were carved from the rock. Here's an easy-to-follow guide to how it's done:

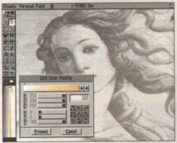
1. Type your text.
2. Cut it out as a brush, and paint it down as a black image (use key F2 to change it's colour to the current palette choice).
3. Offset the brush image slightly over the black text and using white, paint it down again.
4. Changing the text brush colour to that of the background (in effect making it invisible) place it over the white/black image so that there's just an edge showing, and paint it down. You will now have hollow text, with white and black edging simulating light and shadow. Painting this down on a picture will make it appear raised, but still part of the image.



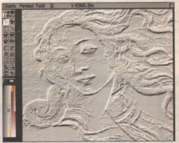
Colors Used: 130

Pixels Lost: 26884 (16%)

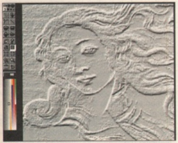
▲ The original image had around 250 greys, taking up the whole palette. Use the 'colours/less colours' feature to get some colours back.



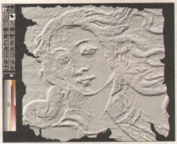
▲ From the colour palette you can now use the freed colours to create ranges while still retaining the integrity of your original work.



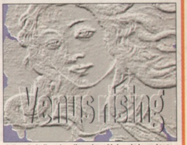
▲ The main image has had the 'emboss high' filter imposed on it. It løoks fine, apart from the graininess. But there is a solution ...



▲ ... and that's to use the 'blur low' feature, which retains the highlight effect we're after while smoothing out many imperfections.



▲ Using black and the freehand drawing tool, edges of the picture are eaten away to give the impression of broken stonework.



▲ Here she is: Venus herself complete with drop shadow and text. See pic top right for how to add text.

A1200
Amiga Technologies
CD32

Frequently asked questions

Having trouble communicating? Don't worry, the Amiga has that lark sussed. A Null modem cable should soon see you interfacing with all around you.

■ Q. What's the best way to move a lot of data between two Amigas?

■ A. Floppies are too slow, so hard drives or some form of removable media are the only sensible solution. If both machines have internal hard drives, then a second PCMCIA-slot based drive should do the trick. If both machines have Zip drives or Syquest drives then you will only need to carry the disk cartridge between them.

■ Q. What if one machine isn't an Amiga?

■ A. Removable media can be used with the Amiga and formatted to be either PC or Apple Mac readable. This allows large quantities of data to be swopped quickly and reliably.

■ Q. Can I link two Amigas via their serial ports?

■ A. Yes, all you need is a Null modem cable, which swops over pins two and three, and four and five. (Pin two at one end is linked to pin three at the other, and vice versa). Pin seven remains common to both. A Null modem cable is used to link two Amigas for playing games, but you can also use it to send files between machines. It can be more straightforward than using lots of floppies. Sometimes (with games especially) pins four and five need not be connected as they are for 'handshaking' (a method of controlling the dataflow) which is not always required.

■ Q. Can I link the Amiga to other computers with a serial line?

■ A. Yes. Use a Null modem cable and run terminal emulation on both systems. You can then use the ZModem file standard to send and receive files.

■ Q. How long can this cable be?

■ A. Depending on the quality of the cable and the speed at which you want to transfer data you should be able to reach up to ten metres. Beyond that, you really need to resort to the telephone network and modem. Typically, you will be able to transmit data at about 19,200 bits per second or greater, although sometimes 9,600 seems to be a safe limit.

■ Q. Why do I need a modem for this?

■ A. A modem will convert the serial information from the Amiga into audio tones which can be transmitted down the telephone line. It will also convert audio tones into serial information.

■ Q. How fast is a modem?

■ A. A top of the range modem will transmit data at 28,800bits per second (bps). This is about 2.8Kbytes a second, or about 10Mbytes an hour. It's not very fast compared with a hard drive, but it's quite reliable. A modem which operates at 28,800bps and supports the current standard is said to be 'V34'. The semi-standard 28800K and VFast speeds have been superseded and you should try and get V34 whenever possible.

Slower 14K4 modems are not very affordable and good value. The difference in speed is usually not as dramatic as you might think (there is no difference at all when sending faxes), although if you are a heavy comms user the V34 modem is a better bet.

■ Q. Can I use a modem designed for use with a PC?

■ A. As long as the modem is an external version (i.e. a little box with a separate power supply) you can use it with any modern Amiga. You will need to make sure the cable ends with a 25 way connector and not the nine-way connector some PCs use, though.

If the modem is an internal card, then in special circumstances it can also be used. The card will fit into the Amiga 2000, 3000 and 4000's PC Zorro slots. However, before it can be used some form of bridgeboard is required. For example, the Golden Gate 2 card from Eyetech will allow a PC modem card to be used.

■ Q. Can I connect two modems together?

■ A. Only by forcing one to dial the other.

■ Q. Can the modem send faxes?

■ A. Yes and receive them too but you will need suitable software. A program such as GPFax is your best bet.

■ Q. What are the different fax 'classes'?

■ A. Some modems are Class 1, some are Class 2. Generally, the older, cheaper models are Class 1. Class 2 modems are usually more widely supported with fax software, although *GPFax* will now support Class 1. Class 1 lacks some features which will probably not be important to you, unless you run a Bulletin Board.

■ Q. What software do I need to use a modem?

■ A. That depends on what you want to do. If you want to use a Bulletin Board, you will need a terminal emulation program, such as Term or JRComm available from Public Domain libraries. You might also want to consider the commercial Termite program from HiSoft.

If you want to take part in FidoNet, you can use a terminal program or dedicated off-line reading software such as Spot. Spot requires another program called Trapdoor in order to operate, both are shareware.

For Internet access you will need AmiTCP and other programs for mail, new or other facilities. There are more details on AmiTCP in the regular Wired World column.

■ Q. Can games use modems?

■ A. Yes, some games which support Null modem links also support modems. Be warned: this is a good way to earn yourself a large telephone bill.

■ Q. Can I connect Amigas with their parallel ports?

■ A. Yes, but not as easily as with serial ports. However, as parallel systems have more wires they can work a lot faster. Also, freely distributable programs such as ParNet and commercial systems like Liana offer advanced networking facilities: a disk drive on one machine behaves as though it was attached to another. Parallel links cannot be used over telephone lines with modems though. ■

John Kennedy

FORTRESS AMIGA PD LIBRARY

OVER 62,000 DISKS AVAILABLE
ALL AT 95p INCLUDING P&P
Send 3*25p stamps For List Disk

Available are FULL SETS of:-
Fred Fish. LSD Legal Tools
Scope Disks Assassins Games
Assassins Utils T/Bag Disks
PLUS
Graphics. Music. Slide Shows.
Games. Clip Art. Fonts, Etc...
Far Too Many To List Them All

Contact:- FORTRESS P.D.
26, SPENCER STREET, KEIGHLEY.
WEST YORKSHIRE. BD21 2BU
Phone:- (01535) 609263

PENGUIN PUBLIC DOMAIN

ART-ANIMATION-MUSIC
PLAYABLE DEMOS - FONTS
GAMES COMPILATIONS
CLIPART-ASSASSINS
MISCELLANEOUS-GAMES
DEMOS-MUSIC UTILITIES
EDUCATION-FUNPACK 1-36
SCOPE 1-220-FRED FISH 1-1000
T-BAG 1-77 - SLIDESHOWS
UTILITIES-HAM RADIO
BUSINESS-JAM 1-10

50P EACH

POST AND PACKING FREE.
RING OR SEND FOR A FREE CATALOGUE
0589 722502

AMIGA

PO BOX 179
READING
BERKSHIRE
RG30 3DD
ENGLAND

CLASSIC AMIGA P.D SOFTWARE

FREE
CATALOGUE
DISK
0161 723 1638
SHOP OPEN
12-7PM DAILY
11, DEANSGATE
RADCLIFFE
MANCHESTER

Convert your Amstrad CQ/P.O

COLOUR MONITOR £10

	DIY	MADE
464,6128 (CTM644/0) Picture Only	£6	£10
464,6128 (CTM644/0) inc Stereo Speakers	£31	£40
464,6128 PLUS (CM14) Inc Sound	£9	£15
464,6128 Green (GT-65) Pic Only	£6	£10

Delivery 2 Days

Dept. CU,
Hagars Electronics,
127 High Street,
Sheerness, Kent
ME12 1UD

Money Back Approval P&P Included

TEL/FAX: 01795 663336

KEW = II SOFTWARE

Est. 1989

THE BEST IN QUALITY PD & SHAREWARE
SUPPLIED ON BRANDED DISKS ONLY!

The LEADER -
OTHERS CAN ONLY FOLLOW!

FREE FRIENDLY HELP BY
POST or PHONE ANYTIME!
FREE CLUB MEMBERSHIP

PICK YOUR OWN PROGRAMS!
BY NAME, NUMBER AND SIZE!
IT'S EASY!
500K makes 1 bootable disk!
800k makes 1 non bootable disk!

CATALOGUE WITH FULL DESCRIPTIONS & INDEX ONLY £1
Phone for the LATEST PROGRAMS!
1-3 disks £1.50,
4 or more ONLY £1.25

P.O BOX 672
South Croydon
Surrey CR2 9YS
Tel: 0181 657 1617

FREE P&P

STORK PD

fast, friendly and reliable service.
We are here for you,
and what we haven't got
we will soon get for you

With disks from as little as 50p
why pay more?
Just send 2 first class stamps for
our catalogue disk.

STORK PD, 15 Rands Lane, Armphorpe,
Doncaster, South Yorkshire, DN3 3DZ.
Tel: 01302 830 720

ARNOLD COMPUTER SUPPLIES

Blank Disks £15.00 per 50 inc. labels
DSHD Disks £22.50 per 50
(Pre-formatted)

PD LIBRARY NOW OPEN!

Please send £1 or 4 1st class stamps
for catalogue.
Free local delivery and installation
(10 mile radius)
Many more items stocked.
Please phone or fax for latest prices.
Barry Voce 0115 926 4973
11 Campion Street
Arnold, Nottingham, NG5 8GR

LAZYCAT COMPUTING

29 Woodville, Barnstaple,
North Devon EX31 2HH

Through our commitment to ethical trading and good customer relations, Lazycat has built up a reputation as a name you can trust, and all the time and effort, that has gone into creating our library that is making Lazycat one of the exceptional few (Quality) libraries in Britain today.

We have a vast collection of software for you to choose from.

Please send 2 x 1st class stamps, for the best logical and informative catalogue disk, full of PD and shareware, you will ever recieve.

NFA & SAdENESS
PRESENTS:
AGA
Experience

NFA & SAdENESS PD present their first Amiga CDROM disc -The AGA Experience. This is the first CDROM dedicated to A1200/A4000 owners! It features:

- EXCLUSIVE NFA productions
- EXCLUSIVE Klondike cardsets
- EXCLUSIVE AGA Slideshows
- Magic Workbench Colour scheme
- Custom Ray-Traced Icons
- Licensed Amiga Report diskmags
- ALL AGA Amiga Doom-Clones

The AGA Experience includes the LATEST AGA Amiga PD/Shareware. This includes:

- 100 MB of greatest AGA utilities
- 150 MB of best AGA Slideshows
- 100 MB of the best AGA games
- 200 MB of the latest AGA demos
- Mods, Pics, Objects & much more!

This is a NEW release at just £19.99! For more details about The AGA Experience, please contact us.
(Trade enquiries welcome).

SAdENESS, 13 Russell Terrace, Mundesley, Norfolk, NR11 8LJ. England
TEL/ FAX: (01263) 722169: Email: Richard_Brown@metnet.demon.co.uk

---

AMIGAHOLICS PD

THE 100% AMIGA PD LIBRARY, WE STOCK; DEMOS, MUSIC, ANIMS, MUSIC UTILITIES, SLIDESHOWS, GAMES, LSD LEGAL TOOLS, UTILITIES, ASSASSINS GAME DISKS, FRED FISH, FONTS, CLIP-ART AND MUCH MORE.

THIS MONTHS TOP TITLES
SKIDMARKS 2 AGA CARS (2D) - 4 Extra cars
R3 - Thrust game, 1/2 players ; V. Good
NICKI 2 - Great platformer; Superb GFX
'SETTLERS' EDITOR - Find all the gold etc.
'F1 G.P.' EDITOR -Latest Version.
DR. STRANGE 2 - Great sequel
CARD GAMES DELUXE (3D) - Uses klondike cards
AMIGA CD'S UPTO 20% OFF. SEND FOR LIST

AMINET 7 CD JUST IN £14 INC P&P

1 Disk £1.50
Each extra disk £1.00
Order 5 get 1 FREE
Order 10 get 3 FREE
Order 15 get 5 FREE
Order 20 get 10 FREE

FREE P & P
Send cheques, PO's to
AMIGAHOLICS PD DEPT. CU
236 CHESTER ROAD NORTH
KIDDERMINSTER
WORCS DY10 1TE
All Trademarks acknowledged

DISKS FROM 66p INC. P&P
SEND 2 X 1ST CLASS STAMPS OR SAE FOR CAT. DISK

DELTRAX PD

FREE! FREE! FREE! FREE! FREE!
OUR LATEST PUBLIC DOMAIN PRINTED CATALOGUE FULL OF TITLES & DESCRIPTIONS - ALL IN STOCK AND READY FOR DESPATCH. ESTABLISHED SINCE 1991 WE ARE ONE OF THE BIGGEST LIBRARIES AROUND - DON'T DELAY - SEND TODAY - WE DELIVER THE GOODS

PHONE/FAX 01492 515981

36 BODELWYDDAN AVE,
OLD COLWYN, COLWYN BAY,
CLWYD LL29 9NP

AMIGA MUSICIANS

Atlanta Samples + Examples 1 is a superb new sample disk for serious dance music producers.

This disk is of the highest quality and contains drums, bass, synths etc. as well as a selection of brief example modules for use within MED or OctaMED.

Whatever type of dance music your creating this disk is essential.

Given "85%" and "Recommended" by Cu Amiga it is a steal at just £2.50 inc P&P.

Please make cheques and postal orders payable to "R.Taylor" UK orders only.

Atlanta, 85 Bailey Street, Deri, Bargoed,
Mid-Glamorgan, CJ8 9HW

PUBLIC DOMAIN

NJH,(CU) 12 Meesons Mead
Rochford, Essex SS4 1RN
TEL :01702 546796

FREE DISK FOR EVERY 10 ORDERED

DISK PRICES

80p per disk
Please add 70p to order for P+P
( ) after title=number of disks
CATALOGUE DISK 75p
or 3 1st class stamps (FREE WITH ORDERS OF 3 DISKS OR MORE)

only a small selection is shown in this ad feel free to phone for titles not listed or see cat disk for full lists. We also stock Fred fish upto 1000, Scope upto 210, Assassins games upto 226, Lsd tools, fonts, Clipart and much more

HOW TO ORDER: Tick titles required and send with your name, address and payment of cheque/postal order/cash Payable to **NJH** to the address at the top of this advert.Hand written orders also accepted.

ORDERS SENT BY 1st CLASS POST THE SAME DAY ALL DISKS ERROR/VIRUS CHECKED AND CARRY A ONE FOR ONE REPLACMENT GUARANTEE

GAMES

- ☐ Cardz
- ☐ Thesius XII
- ☐ Star Trek Adv (3)
- ☐ Last Lap
- ☐ Bomb
- ☐ Tommy Tankers
- ☐ Car Business
- ☐ Battle Duel
- ☐ It's The Pits
- ☐ Catapults
- ☐ Charr
- ☐ Springtime
- ☐ Jet Set Willy 3
- ☐ Diamond Caves
- ☐ Screech
- ☐ Pssst Turbo
- ☐ Mash
- ☐ Poker Mania
- ☐ Coin Mania
- ☐ Zaxxon
- ☐ Dynamite Warriors 2
- ☐ Board Games 2
- ☐ ABH (3)(HD)
- ☐ Emerald Mine Pro 4
- ☐ Dead Of The Night (3)
- ☐ Mangled Fenders
- ☐ Route 66
- ☐ Star Fighter (2)
- ☐ Team Tetris
- ☐ Thermonuclear War
- ☐ Og The Caveman
- ☐ Ultimate Fruitmachine
- ☐ Super Nibbly
- ☐ Starwords (2)
- ☐ Super Mega Fruits
- ☐ Flaming Engines
- ☐ Jet Set Billy (2)
- ☐ Suicide Machine
- ☐ Commando Raid
- ☐ Cybertris
- ☐ Mech fighter
- ☐ Moria
- ☐ Arcade Classics 1
- ☐ Arcade Classics 2
- ☐ Wrestling (2)
- ☐ Solo Assault
- ☐ Great Gold Raid
- ☐ Space Taxi
- ☐ Fishy Fishy
- ☐ Day at the races
- ☐ Paradroid 64
- ☐ Gunfighter
- ☐ Punter
- ☐ Marbles
- ☐ Scottish Football
- ☐ Fruitmania
- ☐ Stewards Enquiry
- ☐ Automobiles
- ☐ Raise The Titanic
- ☐ Talisman (2)
- ☐ Ant Wars (2)
- ☐ Soccer Cards Usa
- ☐ Waynes World Pong
- ☐ 18 Hole Golf (2)
- ☐ Neighbours (2)
- ☐ Road To Hell
- ☐ G.Prix Manager
- ☐ Starbase 13 (2)
- ☐ Texas Chainsaw
- ☐ Star Trek (2)
- ☐ Mr Men Olympics (2)
- ☐ Skidmarks
- ☐ Gorf
- ☐ Tetris Pro
- ☐ Wibble World Giddy
- ☐ Deluxe Pacman
- ☐ Parachute Joust
- ☐ Megaball 2.1
- ☐ World Darts
- ☐ High Octane
- ☐ Kingdom At War
- ☐ Spaced Out

UTILITIES

- ☐ HD Games Installer 3
- ☐ Virus Checker 6.54
- ☐ Lottery Master
- ☐ 3D Convertors (2)
- ☐ PC Tools
- ☐ Lottery Winner 2
- ☐ Term 4.3 (3)
- ☐ Magic Selector
- ☐ Delitracker 2.1 (2)
- ☐ VMM 3
- ☐ Pro Gambler 2.1
- ☐ Tools Manager 2.1 (2)
- ☐ Easy DMS
- ☐ Octamed 4
- ☐ Exotic Ripper v3
- ☐ P.F.S 9.5
- ☐ AF Copy 4
- ☐ Cross Mac
- ☐ Disk Manager 4
- ☐ Assign Manager
- ☐ Epoch Master 5
- ☐ A64 Package 3 (2)
- ☐ HD Games Installer 2
- ☐ Hardware Hacks
- ☐ AIBB 6.5
- ☐ Graphic Convertors (2)
- ☐ Silicon Journal
- ☐ Blitz Case
- ☐ Meny Menu
- ☐ Octamed Modules (4)
- ☐ Hard Utils 2000 (2)
- ☐ Cross Dos
- ☐ Rookies Copy utils
- ☐ MUI v2.3
- ☐ Speech Tools
- ☐ Star Trek Guide (2)
- ☐ Main Actor 1.55
- ☐ Dpaint 4 Buddy (2)
- ☐ Microprose GP ed 2.31
- ☐ Snoop Dos 3
- ☐ MPs Lottery Predictor
- ☐ Imagine 2 Buddy sys (2)
- ☐ Spectrum v2
- ☐ Speccy games (4)
- ☐ C Manual (12)
- ☐ D-Copy 3.1
- ☐ Lock Pick 2
- ☐ Freecopy 1.9
- ☐ Crack & Copy
- ☐ Hard Drive Utils
- ☐ 200 Utils
- ☐ Little Office
- ☐ 600 Business Letters
- ☐ Text Engine 4.1

PRICES FROM 60P

DEMOS

- ☐ World Of ASCII
- ☐ Doomed
- ☐ Zootie
- ☐ Metallica (justice)(2)
- ☐ Metallica (puppets)(2)
- ☐ Metallica (lightning)(2)
- ☐ Cotton eyejoe(2)(2meg)
- ☐ 9 Fingers (2)
- ☐ Flying Lessons anim
- ☐ The Fight anim
- ☐ Techno Warrior
- ☐ A Trip To DBase (2)
- ☐ State of the art
- ☐ Sikizzo 2 (4)
- ☐ Arte
- ☐ Wind It Up
- ☐ Rockily (2)
- ☐ Dream Trippin
- ☐ Jesus On E's (2)
- ☐ C.Cwarford Slides(2)
- ☐ Manga Slides (2)
- ☐ Vomit
- ☐ Revelations Slides
- ☐ Cappela (2)

MISC

- ☐ Grapevine 21 (2)
- ☐ UFO Info (6)
- ☐ Wiches Cookbook
- ☐ Magic
- ☐ Paranormal (2)
- ☐ Strange (2)

JUST IN

- ☐ Skid Racer
- ☐ Premier League manager
- ☐ Opus 5.11 Update
- ☐ Ordering 1.02
- ☐ File Master 3
- ☐ Chip Mods
- ☐ PCTask 3.1 Patch
- ☐ ZXAM v2 (AGA)
- ☐ Bosnisk Metall (AGA)
- ☐ Cronos (AGA)(HD)
- ☐ Moments (AGA)
- ☐ RO (needs MUI)
- ☐ GP EDITOR v3
- ☐ ZX files (magazine)
- ☐ ROOTS v2

1200 ONLY DISKS

1200 GAMES

- ☐ Deluxe Pacman AGA
- ☐ **Bratwarst**
- ☐ Donkey Kong
- ☐ Battle Duel AGA
- ☐ War of The Worlds 4
- ☐ Child Murderer (4)
- ☐ Madhouse (2)
- ☐ Hyper Race (2)
- ☐ Super Combat 3 (2)
- ☐ Fears 2
- ☐ Jinx AGA (2)
- ☐ Tetris Duel AGA
- ☐ Samurai Showdown
- ☐ Rocketz
- ☐ Cybertech corp (2)
- ☐ Mad fighter 2 (3)
- ☐ Yatzooie II AGA
- ☐ Bacman AGA
- ☐ Zombies II AGA
- ☐ Aga Megaball
- ☐ Aga Tetris
- ☐ Motorola Invaders 2 (2)
- ☐ Viper
- ☐ Klondike (3)
- ☐ Klondike 3 (4)(h-drive)
- ☐ Card Games Deluxe (3)
- ☐ Cards for above 3 (4)

1200 UTILS

- ☐ AGA lottery Predicter
- ☐ **ZXAM Spectrum v2**
- ☐ Speccy games vol 1 (4)
- ☐ Speccy games vol 2 (4)
- ☐ Movieguide 2(2)(HD)
- ☐ ASI Fixes
- ☐ ASI Fixes 2
- ☐ **Action Replay 4 Pro**
- ☐ 1200 Diagnostics
- ☐ ASI Multivision
- ☐ Magic WB (hard drive)
- ☐ Magic WB Extras 9(2)
- ☐ Magic WB Extras 10(2)
- ☐ Magic WB Extras 11(2)
- ☐ Magic WB Extras 12(2)
- ☐ Videotracker AGA
- ☐ Andys Wb3 Utils
- ☐ AGA Utils # 1
- ☐ AGA Utils # 2
- ☐ AGA Utils # 3
- ☐ AGA Utils # 4
- ☐ AGA Graphic Utils
- ☐ Kick 1.3
- ☐ Symphonie Pro
- ☐ Kick 1.4
- ☐ Wb3 Backdrops
- ☐ Wb3 Virus Killers
- ☐ Wb3 Hacks
- ☐ Blackboard
- ☐ Windowblend
- ☐ WB3 Icon Editor
- ☐ AGA Blankers
- ☐ Complete Picture
- ☐ The Weather Guide (3)

1200 SLIDES

- ☐ Liz Hurley Slides (2)
- ☐ Doom II Slides
- ☐ Kylie Minouge (3)
- ☐ Danni Minogue (3)
- ☐ Pamela Anderson (2)
- ☐ Claudia II (2)
- ☐ Lingerie (5)
- ☐ Lion King (3)
- ☐ Cindy Crawford (4)
- ☐ Wild Wheels
- ☐ Niki Taylor (2)
- ☐ Babylon 5
- ☐ Red Dwarf (2)
- ☐ Holodeck (4)
- ☐ Bodyshop 8 (3)
- ☐ Aga Fantasy Pics
- ☐ Star Trek Aga
- ☐ More Star Trek (5)
- ☐ Erika
- ☐ Claudia
- ☐ AGA Manga (4)
- ☐ GIF Beauties (6)
- ☐ GIF Beauties vol 2 (6)
- ☐ GIF Beauties vol 3 (6)
- ☐ Sherilyn fenn
- ☐ Phoebe Cates
- ☐ Fit Chix (2)
- ☐ Fit Chix 2 (2)
- ☐ Fit Chix 3 (2)
- ☐ Lion King Clipart (3)
- ☐ Ham 8 Vistas
- ☐ Ferrari Slides
- ☐ Shad Art (2)
- ☐ Tutankhmun (2)
- ☐ Scan Is Lame (2)
- ☐ Deep 9
- ☐ Deeper 9
- ☐ Star Wars Slides (2)
- ☐ Cygnostic Slides
- ☐ AGA Slides (3)
- ☐ Worlds Beyond (3)
- ☐ NLP Rendershow (2)
- ☐ Eternal Slides (2)

1200 DEMOS

- ☐ Greenday (3)(3mb)(HD)
- ☐ On The Moon (4)(4mb)
- ☐ Cubic Dream (2)
- ☐ Psychdelic(3)(3mb)(HD)
- ☐ Manual Overdride
- ☐ **Deep (2)(HD)**
- ☐ Omen
- ☐ Motion Bomb (2)
- ☐ Wit Premium
- ☐ Apex Datsy
- ☐ Switchback (2)
- ☐ Whammer Slammer (3)
- ☐ Twisted Minds
- ☐ Breathtaker(5)(hd)(6meg)
- ☐ Imagine
- ☐ Ninja
- ☐ The Kid
- ☐ Shakka Lakka
- ☐ Explorer
- ☐ Pee Wee
- ☐ Soul Kitchen (2)
- ☐ Roots
- ☐ Nexus 7
- ☐ Killing Time (4)
- ☐ Twisted AGA (4) (6meg)
- ☐ Prey (2)
- ☐ Love (2)
- ☐ Some Justice 94
- ☐ Max Overdrive 2 (3)
- ☐ Fatal Morgana
- ☐ Ray World (3)
- ☐ Full Moon
- ☐ MindWarp
- ☐ Planet Grove
- ☐ Explicit 2
- ☐ Final Chapter (3)
- ☐ Friday at 8
- ☐ Mini Omistan
- ☐ Artificial Paradise (2)
- ☐ I Feel Good
- ☐ Brain State In A Box
- ☐ Neoplasma

100 PD GAMES

100 great games on 7 disks that will run on any amiga. only £5.00
(please note that a few games on this compilation will not run on certain amigas)

SPECIAL PACKS

LOTTERY WINNERS PACK 8 disk of predictors to help you win that big prize (maybe)	£6.00
BODYSHOP PACK 15 disks full of stunning swimsuit girls (AGAonly)	£10.00
BUSINESS PACK 4 disk set containing database, spreadsheet,W/P etc	£3.20
1200 DEMO PACK 11 disks of the latest demos for the 1200	£8.00
IMAGINE PACK 18 disks of objects,textures,help files and more	£12.00
LIGHTWAVE PACK 18 disks of objects, textures,help files and more	£12.00
ASSASSINS GAMES PACK 15 Disks full of the latest games	£10.00
MUSIC PACK 11 disks of the things you will need trackers,Mods and loads of Samples	£8.00
GIF BEAUTIES PACK 18 Disks full of some of the best pics you willsee(AGA)	£12.00
1500 FONTS PACK 700 font types most being various sizes making 1500 font (estimate)	£12.00

ZX SPECTRUM V2

WITH THESE PACKS IT IS POSSIBLE TO RUN THE CLASSIC SPECCY GAMES ON YOUR AMIGA
COMPATIBLE WITH ANY AMIGA. FULL PRINTED LOADING INSTRUCTIONS INCLUDED

SPECTRUM & 100+ GAMES ONLY £6
SPECTRUM & 300+ GAMES ONLY £15
SPECTRUM & 600+ GAMES ONLY £25

(PLEASE SPECIFY WHICH AMIGA YOU HAVE)

CD ROM TITLES

UPD GOLD contains 4500+ disks packed on 4 cds only	£26.95
ZOOM all the latest software from active/ground zero only	£17.95
AMINET 7 all the latest utils,games,demos etc only	£13.95
SPECCY SENSATIONS over 500 games on a cd only	£13.95
64 SENSATIONS includes emulator and tons of data only	£17.95
HOTTEST DEMOS hundreds of new and classic demos	£17.95
SPECIAL OFFER HOTTEST 4 OR UTILS 1-1500 original rrp price £19.99 each NOW ONLY £7.99 each or buy both for only	£14.95

(loads more cds in stock please phone or send a sae for a cd catalogue)

SPECIAL OFFER

ANY 20 PD DISKS FOR ONLY £14.00
OR
ANY 50 PD DISKS FOR ONLY £30.00

ACCESSORIES

DUST COVERS (specify 500,600,1200)	£2.50
MOUSE MATS (red,blue,grey,black)	£1.50
DISK CLEANERS with disk and fluid	£2.50
DISK LABELS 1000 4 colour labels	£9.95
50 DISKS BOX with lock and key	£3.95
100 DISKS BOX with lock and key	£5.95
AMIGA MOUSE with mouse mat	£8.95
PRINTER CABLE 1.5 meter	£4.95

(P+P ON ACCESSORIES IS FREE WHEN ORDERED WITH PD DISKS ELSE ADD £1.00 TO TOTAL)

SADDLETRAMPS PD

AMIGA PD & SHAREWARE LIBRARY
Tel/Fax 01709 888127

F1 LICENCEWARE

Legends of Dawn	£4.99
Art School v1.1	£4.99
G.R.A.C v1.1 (includes manual)	£5.99
Punter v3	£3.99
Premier League	£3.99
Auriga (shoot em up)	£4.99
Introducing WB 2/3	£6.99
Gonks (Arcade Puzzle)	£3.99

CLR LICENCEWARE

Typing Tutor 2	£3.95
OG! AGA (platformer)	£3.95
Titanic (educational)	£4.95
Power Text v2.1	£3.95
Ilinios Pro (labeller)	£4.95
Winning Post	£4.95
Tank Warfare	£4.95
Basic Note Tutor	£3.95

5D LICENCEWARE

Blox (Arcade Puzzle)	£2.95
Antz (Arcade Puzzle)	£2.95
Jumpem (Arcade Puzzle)	£2.95
Scm4 Mapper	£2.95
National Lottery System	£2.95

PD

1 to 4 PD disks 95p each
5 to 9 PD disks 85p each
10+ PD disks 80p each
DSDD disks £3.00 per 10
DSDD disks £25.00 per 100

Send 50p for Catalogue Disk detailing 1000's of Great Titles
JUST IN
Body Shop 8 AGA only (3 Disk Set) £2.25

NO POSTAGE CHARGES ON PD & LICENCEWARE

1 Lower Mill Close
Goldthorpe, Rotherham
South Yorkshire, S63 9BY

PLEASE MAKE CHEQUES/P.O's PAYABLE TO SADDLETRAMPS PD

EST- HORNESOFT PD - 1990

DEPT(CU) 23 STANWELL CLOSE, WINCOBANK, SHEFFIELD, S9 1PZ. TEL/FAX (0114) 296-7825.
MON-SAT 9.30am - 7pm (OVER 15000 PD DISKS ARE AVAILABLE)

PD PACKS

100 GAMES PACK	£4.50
100 DEMOS PACK	£4.00
BOARD GAMES	£3.00
1000 GAMES CHEATS	£2.00
ARCADE CLASSICS	£3.00
ARCADE CLASSICS 2	£2.00
EMULATORS GALORE	£2.50
BEGINNERS PACK	£3.00
DEMO MAKERS	£2.50
TETRIS GAMES COMP	£3.50
PRINTER TOOLS	£3.00
HARDRIVE UTILS	£2.00
MENU MAKERS	£2.00
VIDEO TITLING	£4.00
A1200 DEGRADERS	£2.00

PD PACKS DO NOT INCLUDE POSTAGE

PD PRICES:(EACH)

1 TO 5 DISKS	65p
6 TO 9 DISKS	60p
10+ DISKS	50p

POSTAGE (to total order)

UK	70p
EUROPE	£1.50
REST OF WORLD	£2.50

GAMES

COURSE ANGLER (2 DISKS)
18TH HOLE GOLF (2 DISKS)
DUCK DOGGERS
FRIDAY NIGHT POOL
BOOMIN' ECK
KILL THE LITTLE DUDES
BEAVIS & BUTTHEAD TETRIS
MADDONA PUZZLE (16+ only)
FEARS (A1200 only)
DOOMER
FLAMING ENGINES

WANT CHEAP PD PRICES?!
WANT FAST DELIVERY?!
WANT A FRIENDLY SERVICE?!

Well look no further, We offer Sameday Despatch and a friendly service. For our MASSIVE CATALOGUE Disk send a S.A.E or ask for a copy with anything from this advert.

AGA GLAM SLIDES

KYLIE MINOGUE (3)
KYLIE MINOGUE 2 (3)
NIKKIE TAYLOR (3)
DANNIE MINOGUE(3)
KATHY IRELAND (3)
KATHY IRELAND (3)
DANI BEHR
SHARON STONE (2)
BODYSHOP 8 (3)
BIG GIRLS
BIG GIRLS II (3)

UTILITIES

BANNERMAKER
LAST WILL MAKER
LOCK PICK 2
ASI MENU MAKERS
AUTO STEREOGRAM V4.01
HD GAMES INSTALLER 3
HD GAMES INSTALLER 4
VIRUS WORKSHOP V5.3
VIRUS CHECKER V6.57
IMAGE ENGINEER 2
DISK COPIERS UNLIMITED

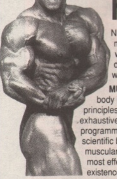
ACCESSORIES (UK P&P INCLUDED)

100 MULTICOLOURED LABELS £1.75
200 MULTI COLOURED LABELS £3.00
MOUSE MATS (A4 SIZE) £1.90
3.5" DISK HEAD CLEANER "FLUID TYPE" £2.00

CHEQUES/POSTAL ORDERS PAYABLE TO: HORNESOFT PD

CREDIT CARD ORDER HOTLINE : (0114) 296-7825

BUILD MUSCLES FAST!



NEW! Fastest way to build muscles and strength without weights – EVER! Just 35 minutes daily in the privacy of your home will develop an amazing physique.

MUSCLE DYNAMICS is a new body building system based on principles developed after years of exhaustive research. It is a total exercise programme involving the very latest scientific breakthroughs in the field of muscular development. It is the fastest, most effective way to build muscles in existence.

Noticeable results in 28 days guaranteed.
Send for FREE Information Pack.

MUSCLE DYNAMICS,P.O. BOX 70, DOUGLAS, IM99 1EH.
Tel: 0624 801023 (24 hrs)

MUSCLE DYNAMICS,P.O. BOX 70, DOUGLAS, IM99 1EH
Yes! I want to build muscles fast. Please rush me a FREE information pack!

Name...BLOCK
Address...CAPITALS
....PLEASE
.... **Postcode** ....
(A stamp for reply appreciated)

BUS STOP PD

UTILITIES

MAGIC DOPUS
SPONDULIX
MONITORS DISK
600 LETTERS
BELLES PAINT
STAKKER
FILEMASTER 3
MIDIPLAY
500+ EMULATOR
REMDATE
TEXTMASTER
AUTOSTEREO
FINAL WRAPPER 3
BLACKBOARD
LIONKING CLIPS (3)
1200 HD PREP
AMOS AOURCE (4)
DCA COPY
MODEM UTILS
LC GRAPH
71 UTILS
MESSY SID 2
LOCKPICK 2
OCTAMED 2
MINIMORPH
VIDEOTRACKER
DISK MANAGER 4
UK CODES
DISK MAG CREATE
SUPERSLIDE
D COPY 3.1
SPECTRUM V1.7
SPECTRUM GAMES (8)
SUPERVIEWER 2.4
SID V2
S/TRACKER MODS (10)
BITMAP FONTS (5)
DMS PRO V2.2
CG FONTS (4)
QUALITY CLIPS (5)
OCTAMED MODS (5)
KIRKS SAMPLES (3)
HOUSE SAMPLES (3)
ADOBE FONTS (H)

GAMES

PUNTER
COURSE FISHING (2)
WRESTLING (2)
CHECKER CHALLENGE
CROAK 2
FRIDAY NIGHT POOL
INNER DEMONS (4)
BLACK DAWN 2
TOP HAT WILLY
CATAPULTS
QUIZ CHALLENGE
BAT DOG
BRIDGE
MAJONG
SHOOT OUT
PROJECT BUZZBAR
DAY AT THE RACES
CHEESE
BUS STOP BLOX
BLACK DAWN
COBBLERS
DECENDER
PENGO 2
SUPERMEGAFRUITS
DARTS
100 GAMES (7)
ROAD TO HELL
MYSTERY 2144AD
DELUXE MONOPOLY
STARSTRIKE
ANT WARS (2)
CASHFRUIT
ARTILLERUS
SQUIGS
SLAMBALL
BILLY BURGLAR
ALL ROUNDER
BINGO CALLER
STRIKE
DEFENDER
BOP N PLOP
BUNNY BLASTER
WARRIOR
EXTREME VIOLENCE

SLIDES

MANGAJIN (3)
MUSCLEMANIA
AKIRA & X MEN
REVELATIONS
IRON MAIDEN (4)
SUPERBIKES (2)
LAUREL AND HARDY
CALVIN HOBBES
WATERSHIP DOWN
CATS
k d lang
WILDLIFE
BELINDA CARLISLE
CHER
SHARON STONE
CARTOON
CAT WOMAN
KIM WILDE
THE PRISONER
WWF & TENNIS
FAST CARS
ROCK ALBUM

GLAMOUR

PLEASE STATE OVER 18
TINA SMALL
MADONNA , SEX
KATHY LLOYD
MARIA WHITTAKER (3)
STRIP SLOTTER
UTOPIA (4)
CLASSIC GIRLS (4)
BEYOND FORCE (2)
SEXY DREAMS
SLAYER STARS (3)
MAYFAIR (3)
ERIKA ELENIAK (5)
CELEBRITY SPECIALS (5)
BO DEREK
GIRLS ON FILM
SHOWERING GIRLS
BUST UP
CALENDER GIRLS
MADONNA EARLY

MUSIC

DESTROY FASCISM
BLACK TRIANGLE (2)
SCOTT JOPLIN
k d land DANCEMIX
STILETTO (2 MEG)
WOO
OLD BULLS
NAMALM DEATH
JARRE LIVE
MAD PREACHER
CYBERPUNK (2)
LED ZEP
LAWNMOWER DETH
YAMMA YAMMA
LSD STORY (3)
9 FINGERS (2)
TOTALLY TECHNO
SWEET CHILD
DEBUSSY
SADNESS PT1
242
JUNGLE COMMAND
ALTERN 8
RAGGA SYKO

ACCESSORIES

P&P INCLUDED

100 Cap Box	£7.40
100 4 Colour Labels	£2.50
Disk Drive Cleaner	£3.29
8mm Mouse Mat	£3.29
500+/600 & 1200 Dustcovers	£2.99

QUALITY BLANK DISKS

10 Cap Box	£1.49
1 - 50	50p each
51 - 100	45p each
101 - 200	40p each
201 - 500	35p each
500 - 1000	29p each
1000+	24p each

5TH DIMENSION LICENCEWARE

PRICE PER TITLE £2.95
JUMP EM
ANTZ
BLOX
DISK SYSTEM
CATALOGUER 3
LOTTERY SYSTEM
SCM4 MAPPER

CULT TV/BIZARRE

JAMES BOND (3)
RED DWARF QUIZ
DR WHO (2)
DR WHO QUIZ
X FILES GUIDE
STAR TREK GUIDE (6)
STAR TREK PARODIES
DARK PORTAL (2)
PROJECT UFO (6)
ALIENS MULTIMEDIA (9)
THERAPIST
MINGSHU
FISH TANK SIM
BIRTHRIGHT
HUMAN AURA (2) (WB2+)
PARANORMAL (2)(WB2+)
STRANGE (2) (WB2+)

GAMBLING

POOLS TOOLS
RACE RATER
DIVIDEND WINNER
PRO GAMBLE
BOOKIE BEATER
PROTEUS
PRO LOTTERY
COP THE LOT

CATALOGUE - 50P LISTING OUR VAST LIBRARY. CLR LICENCEWARE ETC

We also have lots of good quality second hand games at very reasonable prices. At present we have lots of RPG, Adventure, War Simulations, Sport, Platformers and Shoot-em-ups, so if you want a game and you can't find it then we may have it, you never know.

All titles work on all Amigas, all titles are single disks unless otherwise stated in brackets

Tel:
(01455) 554982
EMAIL:
lisa@busstop.demon.co.uk
Between 9am & 9pm
Odes normally dispatched in 24 hours
P&P 50p PER ORDER, NOT PER DISK
EUROPE 15p PER DISK
R.O.T.W. 30p PER DISK
EUROPE MINIMUM £1.00
R.O.T.W MINIMUM £1.80

ALL DISKS 90p EACH
PLEASE MAKE CHEQUES & POs PAYABLE TO BUS STOP P.D. AND SEND IT WITH YOUR ORDER OR PHONE YOUR ORDER IN TO LISA OR CHERYL ON OUR CREDIT CARD HOTLINE] OPPOSITE

BUS STOP P.D. (CU)
2 WYCLIFFE TERRACE,
GILMORTON ROAD,
LUTTERWORTH,
LEICESTERSHIRE
LE17 4DX

NEED HELP?

Then you need Em magazine!

Published by Larry Hickmott, CU Amiga's and Amiga Shopper's DTP expert.

- * Pages & pages of helpful questions & answers
- * Tutorials for PageStream, ProPage and word processors like Wordworth and Final Writer
- * Free membership to the Amiga DTP Contact Group, helping to bring Amiga owners together

WHEN IT COMES TO DTP SOFTWARE & BOOKS, GO TO THE SPECIALISTS AT LH PUBLISHING

* Professional Page 4.1 DTP program (Includes 200 page tutorial book)	£49.95
* ProDraw 3 Upgrade to CU Amiga Coverdisk	£3
* ProDraw 3 Manuals (produced by Gold Disk)	£12
* Image Studio: Image Processing program, Registered version (Colour preview)	£15
Program + Manual * Don's Genies for ProPage/ProDraw	£3.50
* 3 Month Subscription to Em (no Postage)	£6.88

Postage& Packing: UK £2.00 P&P, Europe £4, Rest of the World £5

LH Publishing, 13 Gairloch Ave, Bletchley MK2 3DH
Phone: + 44 (0)1908 370 230 Fax: +44 (0)1908 640371

CAT DISK £1 OR FREE WITH EVERY ORDER

FREESTYLE PD

TEL: 01922 710985

TWO FREE DISKS WITH EVERY 10 ORDERED

DISK PRICES
1-20 £1 EACH
21+ 75p EACH
P&P 50p PER ORDER

AGA GLAMOUR

☐ Claudia Schiffer
☐ Claudia Schiffer The Works(3)
☐ Cindy Crawford The Works(3)
☐ Beach Babes (5)
☐ Lingerie Babes (5)
☐ Kathy Ireland (3)
☐ Kathy Ireland 2 (3)
☐ Kylie Minogue (3)
☐ Kylie Minogue 2 (3)
☐ Nikki Taylor (new) (3)
☐ Female Bodybuilders (3)
☐ Christina Applegate (3)
☐ Madonna Sex (3)
☐ Playmates (5)
☐ Starkers 11
☐ Danni Minogue (3)
☐ Starkers 10
☐ Starkers 9 Famous Babes
☐ Calander Girls (2)
☐ Starkers 8 Pamela Anderson (3)
☐ Starkers 7
☐ Nikki Taylor (2)
☐ Starkers 4
☐ Starkers 5
☐ Starkers 6
☐ Starkers 3 Mixed
☐ Starkers 1 Anna
☐ Girls Girls Girls
☐ Asain Babes (2)
☐ Pamela Anderson (2)
☐ Elle McPherson The Works (3)
☐ Crawford Collection (2)
☐ Crawford Collection II (2)
☐ Big Girls
☐ Fit Chicks 3 (2)
☐ Fit Chicks 2 (2)
☐ Fit Chicks 1 (2)
☐ Big Top
☐ Erika Eleniak
☐ Pheobe Cates
☐ Sherilyn Fenn
☐ Bodyshop 7 (2)
☐ Bodyshop 6 (2)
☐ Bodyshop 5 (2)
☐ Bodyshop 4 (2)
☐ Bodyshop 3
☐ Bodyshop 2 (2)
☐ Bodyshop 1

UFO

☐ Project UFO (6)
☐ Finding the Truth 1
☐ Finding the Truth 2
☐ Finding the Truth 3
☐ Paranormal Investig (2)
☐ Roswell Slides (2)
☐ Aliens Multimedia (9)

GAMES

☐ Card Games Deluxe (2MB) (3)
☐ M.A.S.H
☐ Scavenge (WB3+)
☐ PSST AGA
☐ Hyper Race (2MB) (2)
☐ Cyberman
☐ Step 5 AGA
☐ Dr Strange 2
☐ Ace the Space Case
☐ Jet Set Willy 3
☐ Poker Mania
☐ Cyber Games (2)
☐ Carnage
☐ Pac Man
☐ Ultimate Fruit Machine
☐ Hi-Lo Card Game
☐ Super Mega Fruits
☐ Donkey Kong
☐ Top of the League
☐ Monopoly
☐ Scrabble
☐ Top Hat Willy
☐ Battle Duel
☐ Master Blaster
☐ Friday Night Pool
☐ Island
☐ Springtime
☐ Last Lap
☐ Psycheual
☐ Deluxe Pacman (ECS)
☐ Deluxe Galaga 2.5 (WB2+)
☐ Deluxe Galaga 2.6 (WB2+)
☐ Statistic Monopoly
☐ Mortal Komqual
☐ Egg Scramble
☐ Thelsius XII
☐ The Pyramid (2)
☐ Alien Bash II
☐ Rebellion
☐ Super Combat 3(2)
☐ Gemz
☐ Platman
☐ Antz
☐ Boomin Eck
☐ Wooglies
☐ Cardz
☐ Wheel of Fortune
☐ Defender
☐ Derring Do
☐ Black Dawn 5 (2)
☐ Duck Dodgers
☐ Lode Runner
☐ Trap em
☐ Dark Angel
☐ Skid Racer
☐ Nimble
☐ Data Storm (2)
☐ Circus Game
☐ V. Chess 3.3
☐ Necronom
☐ Tetris Pro

KLONDIKE CARD SETS

☐ Klondike (3)
☐ Klondike 3 (HD+4MB(4)
☐ Madonna Sex Book 18+
☐ Pacific Coast Glamour 18+
☐ Marilyn Monroe II
☐ Cindy Crawford
☐ Cindy Crawford II
☐ Fireman Sam
☐ Elle McPherson II
☐ Babylon 5
☐ Asterix
☐ Hell Raiser
☐ Beavis & Buthead
☐ Playboy 18+
☐ Playboy II 18+
☐ Lion King
☐ Pretty Woman
☐ Hired Girls 18+
☐ Pleasure 18+
☐ Generations
☐ Patricia Ford
☐ Starkers
☐ Kathy Ireland
☐ Pamela Anderson
☐ Claudia Schiffer
☐ Rosie & Jim
☐ Wallace & Gromit
☐ Ren & Stimpy
☐ Doom IIA
☐ Prehistoric
☐ Erika Eleniak
☐ Erotica 18+
☐ Pinochio
☐ True Lies
☐ Stargate
☐ Gremlins
☐ Dream Girls 1 18+
☐ Females 18+
☐ Babes 18+
☐ VT Dupcie Chics 18+
☐ Real Beauties
☐ Dreams 1 18+
☐ Dreams 2 18+
☐ Nude 1 18+
☐ Nude 2 18+
☐ Hot Women 18+
☐ Wet Babes 18+
☐ Famous Women
☐ Batman Forever
☐ Body Piercing 18+
☐ Pulp Fiction
☐ Time Cop
☐ X Files
☐ X Files II
☐ Deep Space Nine
☐ Killer Instinct
☐ Toonies
☐ World Atlas
☐ Lion King 2

AGA GAMES

☐ Motorolla Invaders (2)
☐ Megaball V3
☐ Cybertech Crop (2)
☐ To the Death
☐ Hoi
☐ Baza n Runt
☐ Masquerade
☐ Rocketz
☐ Tetris Duel
☐ Jinx (2)
☐ Child Murderer (4)
☐ Deluxe Pacman AGA
☐ Breakin Bricks (HD)
☐ Kellogs Land
☐ Fears Preview II
☐ Gloom Preview
☐ Bratwurst
☐ Wheelbarrow Sim
☐ Malediction (2)
☐ Skidmarks 2 Cars (2)

BEST AGA DEMOS

☐ Origin (2)
☐ Ray World (3)
☐ Full Moon
☐ Bigtime Sensuality (2)
☐ Real
☐ Mina Omistan
☐ Soho (3)
☐ Numb
☐ Friday at Eight
☐ Gevalia
☐ Love (2)
☐ Some Justice 94
☐ Switchback (2)
☐ Animatunes (2)
☐ Wit Premium
☐ Nexus 7
☐ Psychedelic (3)
☐ Cubic Dream (2)
☐ The Prey (2)
☐ Motion (2)
☐ Dove (2)
☐ Roots II
☐ Lech

LATEST AGA DEMOS

☐ Brain Dead
☐ Baygon
☐ Planet M
☐ Picture Book (4)
☐ Zif (2) (HD)
☐ Fruit Kitchen (2) (HD)
☐ C42
☐ Blowing Brain
☐ Control (2)
☐ Water Whisper
☐ High Anxiety (2) (HD)

FOR A RAPID RETURN PLEASE MAKE CHEQUES/POSTAL ORDERS PAYABLE TO: FREESTYLE PD, DEPT CU, 108 WOODSIDE WAY, SHORTH HEATH, WILLENHALL, WEST MIDLANDS WV12 5NH

PD ENTERPRISE

Pathways (CU), 1-2 John Street, Unit 17,
Sunderland, Tyne/Wear, SR1 1DX
TEL: (0191) 5109191
FAX: (0191) 510 2203

Special Packs (Prices include Postage & Packing)
BUSINESS 10 disks £6 Text engine 4.1, 600 Business letters, label Printers, Messy Sid 2, Forms United, Virus Z 2, Epoch 3, A2 spell, D-Copy 3.1 and Lones & Accounts.
SPECTRUM 38 disks £24 Over 500 classic games! choose AGA emulator if you own A1200 otherwise V2.
COMMS 8 disks £7 Guide to the Internet, guide to Comms, Sid 2, Afax, N-Comm 2, Internet Utils, BBS simulator and Disk Archivers.
BEGINNERS 15 disks £9 Choose 5 disks from the games section, 5 from Utilities and 5 of your choice Please state computer.
BODYSHOP 15 disks £9 Lots of lovely swimsuit girls for the AGA
GIF BEAUTIES 20 disks £15 girls AGA
FIT CHIX 6 disks £4 AGA.
CG FONTS 15 disks £9.
ADOBE FONTS 15 disks £9.
BITMAP FONTS 15 disks £9.

DISK PRICES
1-10 80p each * 11-24 70p each
25 disks or more 60p each
1 FREE DISK WITH EVERY 5 DISKS BOUGHT
P&P £1 * Catalogue (2) £1 (Inc. P&P)
Europe + 20p p/disk, R.O.W. + 40p p/disk
All cheque's/PO's to PD ENTERPRISE
LIMITED PERIOD OFFER - ORDER 10 DISKS OR MORE FROM THE SAME SECTION, THEN THOSE 10 DISKS COST 65P EACH * DOES NOT INCLUDE P&P

UTILITIES

600 Business letters
Adventure game creator
Award maker 2
Amiga beginners guide
Amiga Fox DTP
Birthday History 2.21
Business card maker
Car data analyst
Calorie counter
Dummies guide to the Internet
D-copy 3.1
Essential label printers
Epoch 3
Exotic Ripper 3
Fantasy Football league creator
Final Writer speed up
Forms United
Hard Drive Utils 1
Japanese Long tutor
Football league editor 3.4
Little office
Messy Sid 2
National Lottery Winner 2
Octamed Tutor
Pro Gambler 3.1
Relokick 1.4 final
Sonic drum kit 2
Text Engine 4.1
WB3 beginners guide
X Files guide
Project UFO (6)
Imagine Buddy (2+HD)

UTILITIES WB2+

A1200 HD Installer
ASI multiviewers AGA
Disk Manager 4
Disk Salv 2.31
EPU Stacker 1.7
Edword Pro 5
Easycalc +
Kickstart 1.3
Magic WB AGA (HD)
Magic WB extras
Movie Guide (2 + HD)
N-Comm 3
Snoop Dos 3
Super Duper 3.1
Term 4.3 (3)
Term 4.3 030 version (3)
Power cache 37.115 (HD)

A1200 SLIDES

Bodyshop 1,3 (1 disk each)
Bodyshop 2,4,7 (2 disks each)
Bodyshop 8 (3)
Claudia (3)
Cindy (2)
Doom (2)
Erika
Erika (2+WB2)
Elle (3)
Manga (4)
Nikki (2)
Pamela Anderson (2)
Star Wars (2)

GAMES

Ant Wars 2
Black Dawn 2
Boiing 3
Bobs Garden & Digger
CBM 64 Boulderdash
Cash Fruit
Cricket AMOS
Deluxe Galaga 2.51
Dynamite Wars 2
Grand Prix Manager
Monopoly
Pacman 3D
Pucman World
Pengo 2
Pokermania
Road to Hell
Scrabble
Scotish Football Manager
Super Mega Fruits
Tetris Pro
Top of the League
WW Giddy
W Darts Champ
Zaxxon
Star Trek (NG)
Star Trek 73
Star Trek (2)
Star Trek 2 (3)
Star Base 13 (2)
18 Hole Golf (2)
Hi Octane (2)
Hi Octane level Disigner
Int. Wrestling (2)
Mr Men Olympics (2)
V Chess 3.1 (WB2+)
Col Conquest 2 (WB2+, 2Mb)

1200 GAMES

Buzzer & Grunt
Fears
Kellogs Land
Megaball AGA
Rocketz
Samurai Shodown
Spectrum Emul 1.3
Yatzoole 2
Tetris AGA
Zombie Apoc 2
Cybertech Corp (2)
Klondike 2 (3)
Masquerade (2)
Motorola Inv 2 (2)
we stock assasins, 17 Bit, etc.
Well over 10,000 disks

Brackets denotes additional info

(2)	No. of disks (this case it's 2).
(WB2+)	Needs Workbench 2 or over.
(HD)	Needs Hard Drive
(2MB)	Needs at least 2 Mb RAM
18	Proof of age required.

We do not condone or supply illicit hardcore material.

KOBRAHSOFT QUALITY PD

Don't get bitten by buying cheap, poor quality P.D. we sell the best. If we haven't got what you want, please tell us and we will get it. we have over8000 titles available, so we should have something to interest YOU! We pride ourselves on our speed of delivery - we try and send out every order on the same day it is received - no waiting for DAYS. We accept payment by cheque, P.O. and Access and Visa. To give you an idea of what we stock:-

UTILITIES

MIDIPLAY - plays music modules
MOST V1.56 - Text Viewer
INPUT LOCK V1.1 - Security Lock
CHARACTER GENERATOR
D.M.S. V2.03 - Data cruncher
MDSPOOLER V1.2 - DIR Utility
CD PLAYER V1.1 - Plays your CD's
A BACK UP V4.03 - Back up utility
ADAM V3.0 - Calculator
VIRUS CHECKER - Detects viruses
CALENDAR - Super Calendar Prog
POWERCALC V1.5 - Draws graphs
TURN V4.0 - Latest Comms program
POWERPLAYER V4.0 - Music Util
RECALL V2.3 - Diary program
SCHEDULER V1.2 - Organiser

GAMES

MISSILES OVER XERION
NIBBY 2
MUTANT PENGUIN
MULTI TETRIS
TIME RUNNERS 17
RUNNERMINE 6
MORTON STRIKES BACK
SPIDERMAN 2
DEADLOCK 8
SPACEBALLS
DONKEY KONG
FLIGHT OF THE INTRUDER
MEGABALL
STEWARDS ENQUIRY
GALAGA 92
DEFENDER

We have hundreds more games and utilities and also:-
DATABASES, GRAPHICS, ANIMATIONS, SLIDES, MUSIC AND SOUND DEMOS, EDUCATIONAL PROGRAMS, FONTS, CLIPART, BUSINESS PROGS. We also stock a wide range of Spectrum and Sam Utilities.
Prices:- Disks£1. each, or send £1 for CAT disk or order to:-
KOBRAHSOFT, Pleasant View, Hulme Lane, Hulme, Longton, Stoke-on-Trent. ST3 5BH;
or phone 0178 230 5244. We also take Access and Visa.
P+P U.K. 25p; others 50p

VISA

PD POWER

WE STOCK - FRED FISH - SCOPE - T.BAG - ASSASSINS 1 TO 240+ & MUCH MORE

ALL TITLES ARE 1 DISK UNLESS OTHERWISE STATED IN BRACKETS

TETRIS
DR. MARIO
LEGO TETRIS
MEGABLOCK
2 UNLIMITED
POWER TETRIS
TETROID
KLAKTRIS
AMIGA BOY
AMIGA COLUMNS
SPELLTRIS
DIGITAL TETRIS
DIZZY DIAMONDS
NUMTRIS
HOTBLOX
TETRON
CLASSICS
DONKEY KONG
MEGABALL
MEGABALL II
ZOMBIE APOC
ANT WARS (2)
PENGO
PINGWYNNE
PACMAN DELUXE
PACMAN 3D
PUCMAN WORLDS
PLATFORMS
WIBBLE WORLD GIDDY
XMAS TIME
SANTA AND RUDOLPH
FRUIT SALAD
KELLOGS LAND 2meg req
HARRY THE HADDOCK
SMIDGE
JET SET BILLY (2)
OG THE CAVEMAN
JET SET WILLY (3)
WALLY WORLD (2)
NICKY II
THE SIMPSONS
GREEN 5
BEAVIS & BUTHEAD
A1200 ONLY
MEGABALL III
ZOMBIE APOC II
KLONDIKE AGA (3)
KLONDIKE II (3) HD
RELOKICK 1,4 DEGRADER
JINX (2)
SLIDER
MOTOROLA INVADERS(2)
ROCKETZ
ROCKETZ V2
SPORTS
COARSE ANGLER (2)
GONE FISHING
TENNIS
PUB DARTS
INT DARTS
MR MEN OLYMPICS (2)
188 HOLE GOLF (2)
FRIDAY NIGHT POOL
ALL ROUNDER CRICKET
SCOT FOOTBALL MGR
GRAND PRIX MANAGER
SUPER PROX
PUNTER
A DAY AT THE RACES
TOP OF THE LEAGUE
PACKS
100 GAMES (7)
100 DEMOS (6)
CARDGAMES (5)
UFO UNEXPLAINED (6)
ALIENS MULTIMEDIA (9)
BOARD GAMES (5)
KLONDIKE CARDS
CINDY CRAWFORD
FACES
ANIME
HAJIME
IRON MAIDEN
SANDMAN
ELLE MACPHEARSON
STARTREK
DR WHO
STARTREK T.N.G
D + D
X-MEN
MONROE
RET OF JEDI
EMPIRE STR BACK
STARWARS
REN + STIMPY
VENUS
LION KING
SHERILYN FENN
SPACE
ROSIE + JIM
& LOADS MORE

BATMAN DEMO (2)
2 MEG REQ.
BRILLIANT A MUST!

WE ALSO HAVE A LARGE SELECTION OF THE FOLLOWING UTILITIES, DEMOS, CLIPART, SLIDESHOWS AND MUCH MORE

£1 per DISK 1 FREE with every 3. ALL PRICES INCLUDE POSTAGE and PACKING.
Please make cheques/P.O's payable to R.LLOYD. FREE CATALOGUE DISK WITH ALL ORDERS OR SEND S.A.E to PD POWER (DEPT.CU) 15 LOVETOT AVE, ASTON, SHEFFIELD, S31 OBQ.SORRY NO CALLERS

TO ADVERTISE IN
CU AMIGA
CLASSIFIEDS
TELEPHONE
MARIANNA MASTERS
ON 0171 972 6700

GWPD

QUALITY PUBLIC DOMAIN/SHAREWARE
FOR ALL AMIGAS.
TITLES FROM AS LITTLE AS

50p EACH

FOR A CATALOGUE DISK SEND
2 x 1st CLASS STAMPS TO:
GWPD, 21B SITHNEY ST,
PLYMOUTH, PL5 1HB

NEW SHOP OPEN IN SHEFFIELD

Activity Software at Trilogy House
65 Chesterfield Road, Sheffield S8 ORY

Amiga Software and Accessories
AMIGA POWER SUPPLY £27.50
Direct from manufacturer to
British Standards Suitable for
A500,A600,A1200
PUBLIC DOMAIN From
50p per disc
Over 2,000 titles in stock!!!!
Telephone 0114 2 585858

AMIGA REPAIRS

FIXED PRICE ONLY £42.99 Incl. (A500/+,A600 ONLY)

- Price includes PART, LABOUR, DELIVERY & VAT
- 90 Day warranty on all repairs
- 24 Hour turn-around on most repairs
- All upgrades purchased from us fitted free with repair
- Includes FULL DIAGNOSTICS, SERVICE & SOAK test
- If drive or keyboard need replacing add £10.00

Est. 14 Years

AMIGA A1200 Repairs only **£52.99** Fully inclusive

SPECIAL OFFERS

A500 Internal Drive	£30.95	A600/1200 Internal Drive	£35.95
A500/600/1200 PSU	£28.50	EXTERNAL DRIVE NEW!	£38.99
A500 Keyboard (UK)	£42.10	A520 Xchange Modulator	£18.00
A2000 PSU	£65.00	A501 1/2 Meg Ram + Clk	£13.50

CHIPS	
8371 Agnus (A500)	12.60
8372A 1Meg Agnus	24.30
8375 2Meg Agnus	24.30
8374 Alice (A1200)	32.70
8362 Denise (A500)	9.60
8373 Super Denise	18.40
5719 Gary	7.60
8520 CIA (A500/+)	15.00
8520 CIA (A600/1200)	15.00
8364 Paula (A500/+)	12.34
8364 Paula (PLCC)	16.70

CHIPS	
68000 CPU	8.50
Video DAC (A1200)	19.50
Kickstart 1.2	4.20
Kickstart 1.3	16.80
Kickstart 2.04	22.40
Kickstart 2.05	29.90
Kickstart 3.1 (A500)	58.00
Rom Sharer	15.00
NEW Modulators	29.50

All Spares are factory NEW and genuine commodore parts. All come with 12 months warranty(Except Chips)

HARD DRIVES NEW! Low Prices

Quality 2.5 Inch Int.HD
Suited for A600 & A1200

40 Mbyte	59.95
80 Mbyte	72.90
120 Mbyte	109.50
170 Mbyte	138.20
340 Mbyte	195.00

All drives complete with cable, fitting instructions Installation software and 12 months warranty

Add £1.00 P&P on chips, £2.50 P&P on drives & PSUs We reserve the right to refuse repairs

☆☆☆☆☆☆☆ **ATTENTION ALL DEALERS** ☆☆☆☆☆☆☆
Our Company offer the most competitive dealer repair service on all home computers, Credit facility available. SEND FOR FREE INFORMATION PACK TODAY.

Service HOTLINE (0116) 2470059
DART Computer Services (CU)
105 London Road
LEICESTER LE2 0PF
FAX
(0116) 2558643

The Guild of Master Craftsmen

DART
Computer Services
A Division of D.A. Computers Ltd.

Centurion P.D only 75p per disk

QUALITY PD & SHAREWARE

CD ROMS NOW AVAILABLE

BC MODS & SFX - Packed with Mods Samples and FX	9.99
CPPD THE ORIGINAL - Fish 1-660 & Other Misc Data	9.99
CPPD II - Fish 661-760, Scope Disks, AB20 Archives	9.99
CPPD III - Fish 761-890 Archived & ready to run	9.99
DEMO CD - Modules, Anims, Fonts & Clipart	9.99
ILLUSIONS CD - Full of Stereogram Pics & Utils	9.99
BC CLIPART & FONTS - Very large collection	9.99
W/S FONTS - Adobe, CG, Bitmap, IFF, PS, PCX & More	9.99
W/S CLIPART - EPS, IMG, COloured, IFF, Bitmapped Etc	9.99
EUROSCENE - 1000's of demos from around Europe	14.99

FREE P+P ON ALL CD ROMS

POSTAGE RATES UK= 75P PER ORDER, OTHERS 1.50 PER ORDER 2 DISK CATALOGUE 1.00 OR SEND 2 X BLANK DISKS & SAE. IF YOU SUPPLY THE DISKS THEN PAY ONLY 40P PER DISK.
KEY: () DENOTES NUMBER OF DISKS, ALL DISKS WORK ON ALL AMIGAS UNLESS OTHERWISE STATED.

HOW TO ORDER : SEND YOUR NAME AND ADDRESS, ALONG WITH YOUR PAYMENT TO:
CENTURION P.D (DEPT CU), 24 WASTWATER DRIVE, WOODCREST, BRADFORD, WEST YORKS BD6 2TN.
AND MAKE YOUR CHEQUES AND POSTAL ORDERS PAYABLE TO B.G REED (MRS)

ORDER HOTLINE *tel. (01274) 677673* 24 hrs

GAMES

G015 SHEPHERD - Brilliant populous clone
G046 18 HOLE GOLF (2) - Very good golf sim
G058 OVERLANDER - Superb graphics
G071 GAMEBOY TETRIS - Just like Gameboy
G085 100 PD GAMES (7) - Superb collection
G092 SENSI MASSACRE - Shoot Hollands Players
G096 HUGO (3) - Recommend!!!! Troll Game
G097 STAR BASE 13 (2) - RPG game
G100 TAKE EM OUT - Arcade shootemup
G102 DONKEY KONG - Arcade version
G107 MARIO IN WONDERLAND - Superb graphics
G114 TOP OF THE LEAGUE - Footy management
G119 UN SENSI SOCCER - Just like Sensi.
G123 GREEN 5 - Superb!!!! Flashback clone
G124 DELUXE GALAGA - Fantastic!!!!!! Get It
G128 POKER MANIA - Bandit/Poker Sim
G146 BATTLE DUEL - 2 player tank game
G144 SUPERCOMBAT 3 (2) - Cannon Fodder clone
G141 DR STRANGE 2 - Mega!!! Top PD Platformer
G142 M.A.S.H - Lemmings clone
G135 CHANEQUES (2) - Dont miss this
G143 JUMP EM - Puzzle game
G150 CODE NAME NANO - Great thrust clone
G151 ALIEN BASH 2 - Alien Breed Clone
G152 DELUXE PACMAN - Great Pacman clone
G153 DUCK DODGERS - Brill platformer
G154 INNER DEMONS - Text adventure
G155 BRATWURST (AGA) - 1, 2 player shootemup
G139 DIPLOMACY - Risk type game
G134 MR MEN OLYMPICS (2) - Summer sports
G118 INTERNATIONAL CRICKET - Neat cricket sim
G116 WIPE OUT - Space shoot em up
G110 ALL ROUNDER CRICKET - Good cricket sim
G112 FIGHTING WARRIORS - Street fighter clone
G115 HIGH OCTANE - Motor racing sim
G101 X-BALLS - Puzzle game
G098 WORLD DARTS - 1 or 2 players
G076 USA '94 - Soccer cards
G072 STRIKE BALL - Baseball sim
G070 STAR TREK (3) - Control the enterprise
G062 METRO - Build your own rail link
G017 AMOS COIN DROP - Fruit machine sim
G012 KISS THE CANVASS - Boxing sim
G041 BATTLE FORCE (WB2+) - Strategy game
G068 SLAM BALL - Speed ball type game
G073 MENTAL IMAGE 2 - Commercial quality
G099 NEIGHBOURS (2) - Ramsey street rpg
G103 DR MARIO - Tetris clone
G122 WET BEAVERS - Well put together
G120 SCOTT FBALL MANAGER - Manager sim
G125 XENEX - Superb !! asteroids game
G127 PROPERTY MARKET - Make Millions
G129 MANGLED FENDERS - Bash the other cars
G133 F1 RACING SIM (5/600) Great racing sim
G136 TEAM TETRIS 1.36 - Play as a team
G140 SPRING TIME (WB2+) - addictive
G148 A DAY AT THE RACES - Horse race sim

DEMOS

DM08 SPACEBALLS WAYFERER - Brill demo
DM12 SILENCE OF THE LAMBS - Demo
DM46 SPACEBALLS S.O.T.A - Superb demo
DM47 AGATRON - Animation pack
DM54 JESUS ON E'S (2) - Superb demo
DM55 SONGS RACK (AGA) - 9 Techno tracks
DM58 RAY WORLD (3) (AGA) - Superb demo
DM59 ROOTS II (020 processor)
DM60 TEMPLE OF DECEASE (AGA) - Great demo
DM61 DRUGSTORE (2) - Fantastic demo by Abyss
DM62 VOMIT - from Duplo
DM63 LECH (AGA) - New release
DM64 ZOOTJE (NOT 5/600) - Beavis & Butthead
DM65 GREEN DAY (2) (AGA) - New release
DM66 NOT THE 9 O'CLOCK NEWS (2) - Very funny
DM77 ITCHY & SCRATCHY No 4 - Very funny
DM69 ITCHY & SCRATCHY No 2 - Very funny
DM76 BIG TIME SENSUALITY (2) (AGA)
DM75 ALIEN INSPIRATION (AGA) - Latest
DM74 GEM X (2) (AGA) (4MB) - Fantastic
DM73 MOMENTS (AGA) - Latest release
DM72 ANIMATUNES (2) (AGA) - Great Demo
DM71 HOLLOBB JAMIN - New release
DM70 DAS OMEN (AGA) - Latest release
DM68 GRAPEVINE 21 (2) - The wait is over

UTILTIES

U03 TEXT ENGINE 4.1 - Top PD text editor
U04 PC TASK - Run PC progs on your Amiga
U09 GARDEN DESIGNER - Design your own plot
U11 LAST WILL AND TESTAMENT - Just sign it
U18 ASI BOOT UTILS - Lots of them
U19 ASI CRUNCHERS - Lots of them
U29 AMICHECK V2.0 (WB2+) - Cheque book prog
U38 SPECCY EMULATOR + GAMES (2) - Superb
U42 AMIGA PUNT - Betting predictor
U47 DISK SPARE - Expand your disk capacity
U49 JR COMMS - Modem package
U52 WB 3 BACKGROUND (WB3) - Lots of them
U53 LITTLE OFFICE - Small office utils
U54 CLUMPY ICONS - Loads of them
U55 SPACE WRITER (1.3) - Demo maker
U61 S.I.R.D.S - Create your own images
U63 SUPER DARK - Screen blankers
U67 HD CLICK - Hard drive menu maker
U70 MAINACTOR 1.55 - Animatin editor
U71 COP THE LOT PRO - Lottery predictor
U72 ACTION REPLAY PRO V4 - Superb utility
U73 1200 HD SET UP DISK (WB2+) - v. good
U77 MEGGA ED - Superb text editor
U86 VIRUSZ II (WB2+) - Excellent virus program
U87 A64 PACKAGE - Brilliant C64 emulator
U88 SYSINFO 3.24 - Analyse your system
U89 MINI MORPH - 50 time faster than other PD progs
U91 TEXTURE STUDIO (WB2+) - Imagine texture renderer
U92 BBLANKER 3.6 (WB3+) - Superb screen blanker
U95 PROGAMBLE 2.1 - Gambling predictor tool
U96 T.U.D.E V1.00 - The ultimate degrader and enhancer
U97 STUDLEYS HD INSTALLERS 3 - Install games to HD
U100 MAGIC W/BENCH 1.2 (WB2+) - Very powerful
U98 MAGIC W/BENCH EXTRAS (WB2+) - Use with U100
U99 MAGIC W/BENCH EXTRAS 2 (WB2+) - Use with U100
U104 WORKBENCH 1.3 (WB2+) - Degrade 600/1200 etc.
U107 GOLD ED 3.0 (020 PROCESSOR) - Brill !!!! Text editor
U108 MANDELLA - Amazing fractal generator
U126 MENU MAKER (NOT WB3+) - Create menus with ease
U131 MODEM UTILS - A superb collection
U152 PRINTER DRIVERS 2 - Yours might be in here
U153 PRINTER DRIVERS - Another large collection
U158 POWER LOGO - Excellent word processing pack
U165 RIM DATABASE - The best available in the PD
U176 SID 2.0 - D-Opus type file utility
U201 ULTIMATE DISK CREATOR - Need we say more?
U216 VIDEO TRACKER - Wow!!! A superb video package

CLIPART

CA019 ESSENTIAL CLIPS - Over 130 clip art images
CA018 CARTOON BRUSHES - Ready to use with D Paint etc

MUSIC

MU19 ENHANCED SOUND TRACKERS - A good collection
MU21 OCTAMED V4 - A superb 8 track music package
MU22 MED 3.21 - As above but with 4 tracks
MU35 DRUM STUDIO (1.3) - Fantastic drum machine
MU88 JUKEBOX - Play CD's while you work

EDUCATION

E007 C ENCYCLOPEDIA (12) - Comprehensive guide
E011 D PAINT III TUTOR - Essential for D Paint work
E014 EASY SPELL II - Kids spelling package
E018 G.C.S.E MATHS - Fantastic!!!! Gain top marks
E063 KEYQUICK - Typing tutor

Masterclass

One of the things the Amiga is best at is doing several things at once: find out how to make your own SlideShow in the Masterclass.

Forget Windows 95, I'm going to show you what multitasking multimedia is really about. Using *ARexx* to link together sound and pictures you can create some stunning slideshows. And it's so easy to do thanks to the versatility of our Amiga.

ARexx, if you need reminding, is the programming language which comes free with all Amigas and allows application programs to communicate with each other. An application can launch an *ARexx* program to communicate with another program which is running in the background or alternatively an *ARexx* program can be started by the user from the Shell.

If you have been playing with the great *OctaMED 5.04* cover disk giveaway from the September 1995 issue of CU Amiga Magazine, you might have discovered a program called 'OctaMedPlayer'. This small utility is for playing back sound modules: no editing, no saving, only load and play. It has been designed for situations when you only need a simple player program: for example, you might use a directory utility such as *Directory Opus* in which case you can configure *OctaMedPlayer* to handle any Mod files you select.

The player utility also has an *ARexx* port which means it's possible to control it from other programs. For this example slideshow we will need the *OctaMedPlayer,* plus a picture viewer program. I'm using a viewer called FastView by John Hendrikx because it has some very useful features and it makes a welcome change from the Viewtek program I seem to use all the time. You can find FastView (and Viewtek) on the Aminet (either the CD-ROMs or Internet site) or from The Heart of Gold BBS (use your modem to dial 01247 274919).

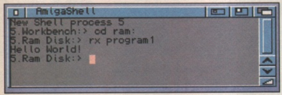
ARexx tricks

ARexx is a very simple language and is particularly easy to use. You enter the programs using a standard text editor such as ED (or perhaps something better like GoldEd or Cygnus Ed) and save them to disk. If you give the programs a name which ends in .rexx (ie program1.rexx) this helps mark them out as *ARexx* programs.

There are only a few tricks to know when writing *ARexx* programs and one of the first is to make sure you always start your program with a title, between comment markers. The comments are normally ignored by *ARexx*, but for some reason it insists that you use one on the first line. Here is a simple *ARexx* program which you should type in and save as program1.rexx.

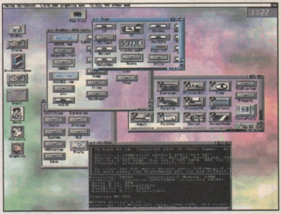
```
/*
Program 1
A simple example
*/
say "Hello World!"
exit
```

Now you can run the program using the 'rx' command from an AmigaDOS Shell. If the RexxMast program is running in the background (if it is not, type RexxMast to start it) the rx command will take the name of the program you give it (assuming that it ends in .rexx) and executes it. If you run our example program, you'll see something exciting like the screenshot on the bottom left of this page.



```
AmigaShell
New Shell process 5
5.Workbench:> cd ram:
5.Ram Disk:> rx program1
Hello World!
5.Ram Disk:>
```

▲ ARexx is capable of many things far more useful than printing the words "Hello World!", but in this test script that's all we want it to do for now.



▲ Try doing all this on a PC then matey! PC Task and Windows95 are all very well but ARexx gives you so much more versatility controlling Workbench functions and programs.

With the preliminaries out of the way, we can now see how *ARexx* can be used to control other programs. Find the *OctaMed*Player program and start it running. If you wish, minimise it to give yourself more space on the Workbench. Next find a Mod tune to experiment with and save it to the RAM disk.

Now enter the following program and save it as program2.rexx

```
/*
Program 2
Controlling OctaMedPlayer
*/
address OCTAMEDPLAYER
loadmod "ram:mod.mytune1"
play
exit
```

If, when you run the program with 'rx', you see an error message such as 'Host environment not found', this means that either the *OctaMedPlayer* is not running in the background, or that you have spelt its name wrong in the address function in the first lines of the *ARexx* program.

It is the task of 'address' to make sure that *ARexx* sends instructions to the correct programs. Each program has a unique *ARexx* port name, which must be entered exactly. You will normally find the port name in the program documentation.

When you get the program to run, you will see the player load the module and start playing it, exactly as though you had done it manually.

Altered images

Adding image control to our *ARexx* program is slightly more difficult. Ideally, we need a viewing program which also supports *ARexx* but unfortunately there aren't many of those about.

However, *ARexx* allows you to use any program as though you had entered the commands directly into the Shell. This means we can still make full use of a program such as *FastView*.

When you obtain and use *FastView*, you should experiment

OctaMEDPlayer
OctaMEDPlayer

▲ **OctaMED's companion utility OctaMED Player can be remotely controlled using ARexx.**

with it at the shell. When you are happy that it is working, create a few images in *Deluxe* or *Personal Paint* and save them as 1.iff, 2.iff and 3.iff.

Using Shell commands from *ARexx* is as simple as using the option 'command' after the address function. This means you could write a program to perform a directory listing as easily as this:

```
/* Display a Directory
listing */
address command
dir
```

The only catch is to make sure you enter any commands which have following options inside inverted commas, like this:

```
/* Display a Directory
listing only of files
created after 11:15 this
morning */

address command
“list since 11:15”
```

Bearing this in mind, here is a first attempt at a program which we could use to display images using *FastView*:

```
/* Program to display
several images using the
FastView picture
viewer*/
address command
“fastview 1.iff”
“fastview 2.iff”
“fastview 3.iff”
exit
```

If you run this program you'll see a major problem immediately: between pictures the Workbench display briefly reappears and then vanishes which gives a very unprofessional appearance.

Thankfully, *FastView* has an option which greatly improves this glitching. If you provide a list of files instead of only one, *FastView* will display one picture and then start loading in the next. Only when the picture is fully loaded will it be displayed.

We can therefore alter our program to look like this:

```
/* Program to display
several images using the
FastView picture viewer
with no glitches */
address command
“fastview 1.iff 2.iff
3.iff ” waitforpic delay
10”
exit
```

You can use wildcards if you don't want to specify all the files (try #?.iff), and if you want more or less time between the images alter the number 10. If you are loading files from floppy, the default time delay probably won't be long enough.

Sound

With both sound and video mastered, it's time to link them together into one multimedia program.

To make life easier, I have included several user-defined functions which keep the address commands separate.

Creating your own functions is easy in *ARexx* . You need to think of a name and put a colon(:) after it. Then type the instructions you want performed and end with 'return'. To use your function, precede the name with 'call' and add some brackets. Here's a simple example:

```
/* Function example */
call hello()
exit
hello:
say “Hello world”
return
```

OK, here's the biggie: a program which loads a module or two, starts playing and then first displays all the IFF images in a drawer called 'pictures' and then all the GIF images.

You should be able to adapt it to your own needs very easily and add more tunes or whatever else is needed. One possibility would be to add some movement: if you use the freely distributable image and animation display program *Viewtek*, you can add commands to load and play an animation as well as still images.

Viewtek will also play animations directly from hard drive, which means you can create some very complicated multimedia performances.

```
/* Slideview program v.01
Start of Performance */
call loadtune
(“med.tune1”)
call pictures1()
call playtune()
call pause(10)
call loadtune
(“med.tune2”)
call playtune()
call pictures1()
exit

/* Music Player functions
*/
loadtune:
address OCTAMEDPLAYER
filename=arg(1)
loadmod filename
return
playtune:
address OCTAMEDPLAYER
play
return
stoptune:
address OCTAMEDPLAYER
play
return
continuetune:
address OCTAMEDPLAYER
cont
return

/* Image Viewer functions
*/
pictures1:
/* Display all the IFF
images in the picture
drawer */
address command
“fastview pictures/#?.iff
waitforpic delay 10”
return
pictures2:
/* Display all the GIF
images in the picture
drawer */
address command
“fastview pictures/#?.gif
waitforpic delay 10”
return
/* Misc */
pause:
/* Go to sleep for a num-
ber of seconds */
address command
delay=arg(1)
wait delay
return
```

It's exactly this technique of using *ARexx* to link different programs together which makes the Amiga so special.

If you think what we have just done is pretty neat, believe me, you have only scraped the surface. *ARexx* can do just about anything you want it to do: just for one example, with a little extra hardware it is even possible to use an old television remote control to play *OctaMED* modules or turn your Amiga into a high tech presentation system. ■

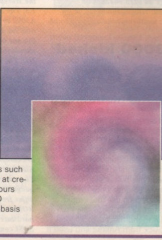
John Kennedy

Workbench Patterns

I've had quite a lot of E-mail about Workbench backdrops this month: it's good to see so many of you keen to banish the blue and grey for good. Remember to send in your own backdrop set-up so that others can see what the Amiga is capable of.

If you want a high quality image such as the mountains and stream picture published last month you will either need access to a very expensive scanner, or do what I did: get it off a PhotoCD disk. Many chemists and photo dealers will develop an ordinary 35mm film onto a special PhotoCD CD-ROM which most Amigas can read (with suitable software and hardware). Unfortunately the service is a little patchy at times (my local Boots couldn't promise delivery within a month) but the quality is superb.

A cheaper (and faster) alternative is to use an image processing program to generate images from scratch. Programs such as Art Department Professional or Photogenics are excellent at creating abstract images this these. Remember to keep the colours muted or you won't be able to read text over them. Many PD libraries also stock disks of textures which you can use as a basis of your new backdrop.



Logos, meanings and mysteries:

CD32 queries, ParNET and various other CD ROM-related problems.

All about upgrading RAM, operating systems and processors.

Plug-in hardware of any kind: scanners, disk drives etc.

Answers to queries on particular pieces of software.

Music, sampling, MIDI and anything that makes a loud noise.

Miscellaneous tools to keep your Amiga running smoothly.

Form-feeds, page-breaks, preferences and lots, lots more!

Monitors, TVs, modulators, screen-modes and all that stuff.

Pixels, sprites, animation, pictures. In one small word: graphics.

Spreadsheets, databases, organisers, accounts ...

Everything you need answering about the internet

Not everything fits into a pigeonhole, but anything you like fits in here.

Got a problem? Our Amiga experts are on hand to solve all your Amiga worries. Address your technical queries to Q+A, CU Amiga Magazine, 30-32 Farringdon Lane, London, EC1R 3AU. Alternatively email us at Q+A@cuamiga.demon.co.uk.

Tony: If you have a problem with your Amiga, any problem, don't hesitate to ask us. The answers follow ...

Mat: I'm sleeping in the office at the moment I've got so much work to do, but it's worth it all when I answer your questions.

A bit of DIY overclocking

I have an A1200 with 2Mb Fast RAM and a 20MHz 68882 FPU and I find it immensely slow. I was wondering if you could give details of how to overclock the '020 to 28MHz using the crystal clock on the motherboard.

Terry Wilson
Redditch, Worcs.

The simple answer to this is: you can't, I'm afraid. It's true that there is a 28MHz clock on the Amiga motherboard but it's only used for some of the custom chips like Agnus etc. Various clock double hacks were possible on the A500 but the A1200 has a surface mounted 68EC020 and it's not possible to modify this. The best bet is to sell your RAM board and pick up an Apollo 1220. This features a 28MHz 68020 and a 28MHz 68882. It costs £99 from Visage on 0115 9642828 or E-Mail: visage@innotts.co.uk. Mail: matthew@poodle.demon.co.uk

A3000 kicked

I currently own a secondhand A3000 (Kickstart v36.446 and Workbench v34.x) and an A500 Plus , and I am having a lot of trouble getting software - old and new - to load on the A3000. Some of it just won't load, some of it crashes and the rest tell me I need v37+ of a library. I have tried to remedy this by copying the required libraries onto my hard drive but then get told I need Kickstart v37.175+ to use them. To get round this I downloaded *Grabkick* from Aminet and used it to copy my A500's ROM onto a disk and tried to use that instead of my A3000's Kickstart file, but this didn't work either. I have also tried most of the softkickers on Aminet none of which have worked. I don't know anyone else with an A3000 and would like to know where I can get Super Kickstart v37.175 as I am getting p****d off at not being able to use some of your cover disks or software I have downloaded from Aminet.

Paul Beaton,
Via E-Mail.

A3000s normally come with Kickstart 1.3 and 2.0 on disk. You can select which ROM to 'softkick' from the early startup-sequence activated by holding both mouse buttons down after a cold boot (ie power must be switched off). The ROM version is usually sufficient, however some things will complain as you have already found out.
More of a problem is the fact that the Workbench you have installed is 1.3. The 2.0 disks come with the A3000 so you should install them over the 1.3 installation if you have but one boot disk. However, you should have two boot partitions on HD. The 2.0 one should be activated by default. Since you got the unit second hand, it seems t here has been some jiggery-pokery going on with the system installation. One cure would be to go out and purchase a copy of OS 3.1. This will replace your boot ROMs and give you fresh 3.1 Workbench disks ensuring that you are completely up to date in both Kickstart and Workbench.
The reason you can't use ROM images from the A500 is that they differ from the A3000. The A3000 ROM is tailor made for the exactly hardware like the A3000's built in SCSI controller.

Elusive ROMs

I have an Amiga 2620 processor card in my A2000. The problem is the A2620 does not autoconfig as it has the wrong ROM revision on the processor board (rev 4). I need a pair of new ROMs (rev 6 or higher). I've tried for ages to get hold of these but can't find a supplier. Can you help?

Bob Finemore
Margate, Kent.

Sourcing updated firmware for Commodore peripherals has been very hard of late. Other products like the A2091 SCSI board also need ROM upgrades to remain useful. I'm afraid we've not heard where you might get these ROMs. However, if any readers volunteer a solution we'll be glad to pass it on.

Fragmented memory

Having installed your cover disk *Image FX 1.5* on my 250Mb hard drive, the program does not seem to recognise my 6Mb upgrade in my Amiga 1200 and therefore I'm always getting out of memory requesters. When I check the about requester, I get the following messages:

```
Free Chip Memory      1378K
Free Fast memory      2215K
Largest Chip Memory 1719K
```

I estimate that it's only recognising about half a Mb of memory when in fact I do have 4+ Mb of memory for it to use. Please help me – what do I do to make it recognise my available memory?
Eddie Cousins

Sutherland, Scotland.

Eddie, the problem you are experiencing is memory fragmentation. If you have 4Mb of RAM and yet somewhere in the middle is a tiny amount of used RAM, the system will only be able to use 2Mb either side of this fragment. Certain Image FX operations require massive quantities of continuous RAM, as all images are stored and processed as 24-bit data.

Using smaller pictures would certainly help. Also remember to delete any buffers that are not in use and activate the Disable Undo button from the Image FX preferences menu if things get really tight. Another solution you could try is to use virtual memory which comes built into Image FX. However, you'd have to sell your RAM board and get one with a 68030 with an MMU on board in order to use this feature. While you're at it, you may as well upgrade your RAM if you can find the cash – you're really going to need it if you're serious about image processing.

A600 CD32?

I own an Amiga 600 and am interested in buying a CD-ROM (PCMCIA). I have some questions to put to you; 1. To run CD32 software, will I need to upgrade to 2Mb or will it run happily with 1Mb? Is there any CD32 software that won't run on my Amiga, if so which?

2.In the September issue you told someone or other that one blink of the caps lock light meant a keyboard ROM error. My Amiga has done this ever since I had it and nothing has gone wrong.You told this person that if problems persist you will need a replacement keyboard. Why?

Michael,
Nottingham.

1.You could indeed plug a PCMCIA CD-ROM into the A600. There's no way CD32 games will work however. This is because your OS is 2.0 and not 3.0 as the CD32 has. You have the ECS chip-set where the CD32 has AGA and finally the point you raised, you have 1Mb where all CD32 software will take advantage of the built-in 2Mb in that machine. If you want to play CD32 games, you'll either need to buy a CD32 or a A1200 and add a CD-ROM. The latter won't work with everything.

2.We did incorrectly state that one flash meant a keyboard ROM error. In actual fact it is one flash but repeatedly with the keyboard not functioning at all. It is normal for the caps lock key to flash once on reset/boot-up.

Black bands

I recently bought a Microvitec 1438 monitor and I have a few problems with it. When I use the Multiscan Productivity mode, even with full overscan I still can't get rid of the black borders on the left and right of the screen. I have the same problem with all the flicker free resolutions (DBLPal etc). I tried the Microvitec on my fathers portable PC and to my annoyance it filled the screen just fine.

The company I bought the monitor from told me that the manufacturer of the monitor will soon release a set of monitor drivers that are made specially for the Microvitec monitor. Will these drivers help get rid of the black borders? One last question, is it possible to make my own resolutions?

Stein Johansen,
Norway.

Stein, what you are witnessing is a problem with the Microvitec 1438. A problem it's big brother the 1440 doesn't suffer from since it sports digital resizing. As you may or may not know, the 1438 doesn't have any controls to stretch the screen horizontally like even the cheapest VGA monitors do. This monitor is otherwise excellent, multi-syncing to PAL and the high scan modes like Productivity etc, but the screen width is set up for normal VGA screen modes at 60Hz. I'm afraid there's no solution for the dreaded black borders.

We hope that Amiga Technologies will add horizontal sizing to this monitor since it is destined to be rebadged under their name as the official Amiga monitor. If they do, you'll need to resize every time you change between PAL and Productivity. It's very unlikely that new drivers will solve the problem and we haven't heard of any under development.

In answer to your last question, it is indeed possible to tweak your monitor settings with a Public Domain program called Mon-ED but the results are rather unpredictable and generally disappointing. You'll have to get a new monitor or soldier on.

Muted Sound

I've been using your excellent *OctaMED 5.04* cover disk with some existing samples. Lately I've wanted to create my own samples so I've turned to *OctaMED*'s built in sampler. The problem is, the samples *OctaMED* makes sound muffled . When I use the *Megalosound* software, they come out fine. Is this a problem with *OctaMED* or am I doing something wrong?

J S Allen
Bedford.

OctaMED's sample editor defaults to a rate of 8KHz (C-2). This is too low for decent quality samples. To increase the sampling rate, press F2 to transpose the keyboard up an octave. The 'Q' key on the keyboard will then represent C in the third octave (C-3) which corresponds to a frequency of 16726 hz or twice the default sample rate. Enter the sample editor. Move the pointer to the box that has 'C-2' marked in it. Hold the left mouse button and press 'Q' or any other key to change the sample rate to the rate of the chosen note. Sampling at C-3 is perfectly adequate though will obviously result in larger samples requiring more memory and disk space. Drum sounds and vocals are better sampled at E-3 or higher .

Devilish Datatypes

I'd like to use the Workbench MultiView utility to show GIF and JPEG pictures but it doesn't handle these formats. I've read that MultiView uses Datatypes to decode the different image formats so can you get Datatypes for these formats? If so, where would I get them and where would they go on my system?

S Bean,
Kent.

Datatypes are a sadly neglected, powerful aspect of the Amigas operating system. MultiView does indeed support Datatypes in fact that's the only way anything can be done at all with it. There are very many different Datatypes available and they are not limited to image file formats! Sounds and other binary data can be decoded to do various things if you have a Datatype to match the particular files you want to use.

There are several GIF and JPEG datatypes available. If you have a CD-ROM, you can find them on the Aminet CD in the Aminet/util/dtypes/ directory. Many of them don't have installation scripts and must be installed by hand. It's helpful to know the two places where the files must be installed. The file with a .datatype extension (eg GIF.datatype) goes on your Workbench disk/HD partition in classes/datatypes. The other files go in your devs drawer on the same disk within the Datatypes directory. For instance 'GIF' and 'GIF.info' would reside there. Once installed MultiView would then display GIF pictures just fine. However, there are plenty of viewers available that have in-built support for most Image types without needing Datatypes. You'll find some on the CD in the Aminet/gfx/show directory..

Amiga 600?

Last month (August) a Ms Karen Hayes from Birmingham said Escom plan to restart production of the A600. Is this true? Hope so! I start an electronic engineering course at uni soon so I'll have loans and overdrafts to spend on lovely peripherals. I don't want to upgrade to a 1200 cos at uni we are using 68000 assembly language for microprocessor and control applications. Anyway, who needs 16 Meg + colours? Not I! By the way, do you happen to know if I can I get Workbench/Kickstart 3.1 for my 2.04 Amiga 600? If so where from, how much etc?

Steve Godfrey .

Escom aren't putting the A600 back into production, and you can't upgrade your A600 to OS 3.1. You can run straight 68000 code on an A1200, so why not spend your overdraft on one?

NO SAES PLEASE
We regret that we cannot respond to readers' queries by post or over the phone. Please do not include stamped addressed envelopes with your letters, as we simply don't have time to answer the thousands we receive. Responses are only possible through the pages of the magazine.

Back Issues

AMIGA
AMIGA FOR UNDER £250
Can Escom do it?
Special Issue 3 Full Packages!
ADORAGE 2.0
POWERBASE v3.4
Full Game ARCADE SNOOKER
NO DISKS ATTACHED? ASK YOUR NEWSAGENT

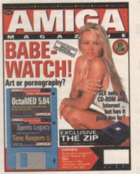
JULY 1995

- ON THE DISKS: Adorage 2.0, Powerbase v3.4, Arcade Snooker – full game.
- FEATURE: Step by step guide to the Net.
- INSIDE: First report from Germany on Escom, LightWave 4 previewed, Cinema 4D, Scala MM400 reviewed. Virocop, TM2 reviewed, Star Crusader, Big Red Adventure previewed.

AMIGA
TROUBLE-SHOOTER!
Your Amiga problems blown away
WORTH £50!
CLARISSA 2.0
COLONIZATION
NO DISKS ATTACHED? ASK YOUR NEWSAGENT

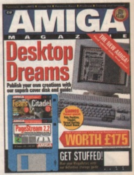
AUGUST 1995

- ON THE DISKS: Clarissa 2.0 and exclusive demo of Cammy Vs Honda in SSF II.
- FEATURE: Trouble shooting on your Amiga
- INSIDE: DPaint 5 review, A look at the new A400/060 with CyberVision graphics, Games includeColonization, Sensible Golf, Time Keepers, Player Manager 2.


AMIGA
BABE-WATCH!
Art or pornography?
OctaMED 5.04
Speris Legacy
Time Keepers
EXCLUSIVE: THE ZIP

SEPTEMBER 1995

- ON THE DISKS: OctaMED 5.04, Speris Legacy, Time Keepers.
- FEATURE: Sex and computers: we take an indepth look at how much there is and what people think about it.
- INSIDE: Alien Breed 3D , Gloom, SSFII, Brutal, ViroCop A500, Base Jumpers CD32.


AMIGA
Desktop Dreams
PageStream 2.2
WORTH £175
GET STUFFED!

OCTOBER 1995

- ON THE DISKS: Pagestream 2.2, Fears, Citadel.
- FEATURES: Using yourPageStream cover disk for DTP, Storage: HD's floppies and CD-ROMs, Head To Head Gaming.
- INSIDE:Odyssey, Real 3D v3, PageSream 3.0i and a towering multimedia station reviewed.

AUGUST 1994-SOLD OUT

SEPTEMBER 1994

- ON THE DISKS: DirWork 2, Music File Converter, plus a demo of The Clue.
- FEATURE: 3D Special.
- INSIDE: Brilliance 2, Imagine 3, Theme Park, Universe, Kid Chaos and Dreamweb.

OCTOBER 1994

- ON THE DISKS: DPaint 5 demo, Realtime Effects Generator 1.5, Stereogram 3D picture maker and Dragonstone demo.
- FEATURE: Storage special.
- INSIDE: Over 50 software and hardware products, Ruff 'n' Tumble, Litil Divil, Detroit reviews.

NOVEMBER 1994

- ON THE DISKS: ProCalc v2 full program, VideoTracker 2, Football Glory demo.
- FEATURE: 101 amazing tips!
- REVIEWED: Guardian, Robinson's Requiem, and Super Stardust.

DECEMBER 1994

- ON THE DISKS: X-Cad Design, Xmas Theme Park demo and Super Stardust demo.
- FEATURE: Word Processing guide.
- REVIEWED: Rendale 9402 Genlock, Bass Station, Powerdrive, Mortal Kombat 2.

JANUARY 1995-SOLD OUT

FEBRUARY 1995–SOLD OUT

MARCH 1995

- ON THE DISKS: Modeler 3D, Easy Ledger demo, Valhalla Before the War demo.
- FEATURE: Hook up your hi-fi and video to you Amiga for brilliant sound and vision.
- INSIDE: CD-ROM reviews, Frontier 2, Blizzard Accelerator, Frontier 2, Bloodnet, Skeleton Krew, Sensi Fancy League.

APRIL 1995

- ON THE DISKS: MovieSetter, clip art and Fifa International Soccer demo. PLUS free MovieSetter manual.
- FEATURE: Animation made easy.
- INSIDE: Power CD-ROM, PD Special, ATR, Turbo Trax, Dawn Patrol, Super League Manager, Baldies preview.

MAY 1995

- ON THE DISKS: ProDraw 3 (all non AGA Amigas), OctaMED 6 and Baldies demos.
- FEATURE: Ten printers reviewed, rated and recommended.
- INSIDE: ECTS report, Brutal Preview, DPaint, Personal Paint, Photogenics and Brilliance compared, eight CD-ROMS reviewed.

JUNE 1995

- ON THE DISKS: Image FX 1.5 (all Amigas with 2Mb), Ultimate Soccer Manager demo.
- FEATURE: Image processing – we show you how it's done!
- INSIDE: RAM speed test: Blizzard 1230 III, Siren Apollo, Octamed 6 reviewed, Primal Rage, Sensible Golf previewed.

BACK ISSUES ORDER FORM

Complete this form and send it with your payment to: CU Amiga Magazine Back Issues, Tower Publishing, Tower House, Sovereign Park, Lathill St, Market Harborough, Leics LE16 1EF.

Rates: UK: £5.99 Europe and rest of world: £6.50
All prices include postage and packing. Disks are included with all orders.

Please rush me the following back issue(s) of CU Amiga Magazine:

Quantity	**Issue**
....	....
....	....
....	....

Total amount £ ....

Method of payment (please tick)

☐ I enclose a cheque made payable to EMAP Images Ltd.

☐ Please debit my ....card. (Visa, Amex, Access, Diners Club cards accepted)

Access/Visa number ....Expires............/..........

Signature..Date ....

Name ....

Address ....

....

....Postcode ....

Telephone number ....

Please allow 28 days for fulfilment upon receipt of request. Back issues subject to availability.

Subscribe to CU AMIGA NOW!

SAVE £17.00*

CU AMIGA MAGAZINE
TROUBLE-SHOOTER!
Your Amiga problems blown away
WORTH £50!
CLARISSA 2.0
SUPER STREETFIGHTER 2
Phew! DPaint 5 at last!
Fastest ever Amiga: 4000/60 with CyberVision graphics
COLONIZATION
NO DISKS ATTACHED? ASK YOUR NEWSAGENT

CU AMIGA MAGAZINE
THE NEW AMIGA!
Desktop Dreams
Publish your own creations with our superb cover disk and guide!
Fears
Citadel
PageStream 2.2
WORTH £175
GET STUFFED!
Max your MegaBytes with our definitive storage guide

CU AMIGA MAGAZINE
BABE-WATCH!
Art or pornography?
OctaMED 5.04
Speris Legacy
Time Keepers
SEX sells on CD-ROM and Internet ... but has it gone too far?
EXCLUSIVE: THE ZIP

GET 12 ISSUES FOR THE PRICE OF EIGHT! SAVE £17.00!*

HOW TO ORDER

Simply tick which offer applies to you, fill in the form and send it along with payment to CU Amiga Magazine subscriptions department, EMAP Consumer Magazines, FREEPOST (LE5981) Leicester LE87 4AB. (Free postage within the UK only)

Or call the subscriptions Hotline on 0858 468888

(9.00am to 5.30pm)

*12 FOR 8 OFFER OPEN TO UK RESIDENTS ONLY

CU AMIGA SUBSCRIPTION ORDER FORM

Please enter my subscription to CU Amiga Magazine.
Please tick/delete as required.

RATES - 12 issues including postage

- ☐ **£34.00 UK 12 ISSUES FOR PRICE OF EIGHT (*UK only)**
- ☐ **£55 REST OF WORLD SURFACE MAIL**
- ☐ **£60 EUROPE/EIRE AIR MAIL**
- ☐ **£90 REST OF WORLD AIR MAIL ZONE 1**
- ☐ **£96 REST OF WORLD AIR MAIL ZONE 2**

METHOD OF PAYMENT

☐ Cheque/Postal Order/International Money Order payable to EMAP Images Ltd.

☐ Access/Visa number .... Expires ..../............

Signature:...Date.......................

Name:..

Address: ....

....Postcode: ....

IMPORTANT: 12 issues for the price of 8 offer available to UK residents only. Please allow 28 days for fulfilment from receipt of order.

☐ Tick this box if you do not wish to receive any direct mail that EMAP Images Ltd feels may be of interest to you.

Offer closes 30th November 1995 Offer source code:IA1h

Note: Zone 1: Middle East, Africa, USA, South America, Hong Kong, Singapore, Pakistan, Indonesia; Zone 2: Australia, China, Japan, Pacific.

Back chat

A Mac that turns into an Amiga, the A1200's new price tag and Matt whipping up a controversy surrounding his points of view last month. All this and more in this month's backchat. If you want to join in you know where to write to. You don't? Check out the box on the bottom left right now then.

Letter of the month

Better 'n some

I'm glad to see that Mat Bettinson has the bottle to stand up and state in print what many of us Amiga users have been saying for years. (Page 130 October 1995). It's about time some of you stick in the muds upgraded. Technology never stands still, yet we have to put up with the whining of Amiga 500 users running Kickstart v1.2 and a poxy .5Mb of RAM. When will they realise that games like *Gloom* and *UFO Unknown* will not run on their system?

I know that without people like the original purchasers of the A500 and A1000 we wouldn't be able to enjoy the machines that we have today. Back in the early days of the Amiga I too owned an A500 with .5Mb of RAM and I thought it was the bee's knees. The catalyst that made me upgrade was the excellent game *Dungeon Master*. The RAM upgrade cost me an arm and a leg, but it was well worth it. It transformed my machine: no more multiple disk swops when trying to duplicate an 800k floppy disk.

But that was the 1980s, when the A500 WAS the cutting edge of home computer technology. Time has moved on and within a couple of years the Amiga was overtaken by the PC. (Boo – ed). When Commodore released the A1200 I purchased one and upgraded it over the ensuing months with a GVP 68030 40MHz accelerator, a 210Mb hard drive a Zappo CD-ROM drive and 10Mb of RAM. The system works like a dream. Nothing clashes, software operates right out of the box, there are no 'out of memory' messages and no fiddling around for half an hour with IRQ's and autoexecuting. bats that other machines' users have to endure.

This is the beauty of the Amiga. It may not be the fastest, most powerful computer in the world. It is, however, the most user friendly and easy to use system that people can use straight out of the box, without having to have a degree in electronics. The way forward is to expand and upgrade, show the hardware and software companies that we are willing to spend money and not sit on your hands . Remember, this is a symbiotic arrangement: they need our money and we need their products to get the most out of our Amigas. Otherwise they will end up as just another expensive plastic coated pile of silicon in the bin.

Bravo, BRAVO!

Thanks, but ...

And to think that I was going to write and ask if you could tell me anywhere where I could pick up *PageStream2* from ... thank you, thank you and thrice, thank you. And for not raising the price like Amiga Format did ... thank you, thank you and thrice, thank you.

Claire Clift
Cardiff

Very good so far, a nice bit of praise in fact but ... sorry Claire, we had to put our price up. Despite every attempt to stave off a price increase for as long as possible the inevitable happened and, to cover increased paper and production costs (which have gone up a staggering 30%) we've had to increase our price by 26p. This increase doesn't in fact cover for all of our increased production costs, but we felt that you the consumer shouldn't be asked to bear the whole brunt of circumstances beyond both yours and our control.

So long!

I'm sorry to say this is the last ever letter I am ever writing to CU Amiga Magazine (I've written one before but it didn't get printed) and I will not be buying another issue. It's not that I resent you for not printing my letter, you probably get hundreds of them and obviously can't print all of them. It's not because you gave us a demo of *DPaintV* six months before it was released and had me waiting with bated breath for what was basically a shaky upgrade. It's certainly not because I think you are actually a damn good magazine. It's because I am buying a Playstation. Productivity is all right, and you and all the other magazines are full of related reviews and tutorials, but to be honest when it comes down to it I'm not very creative and have wasted a lot of money buying a printer and a genlock etc. I've given up. I've got a girlfriend and I'm getting a Playstation. Goodbye forever.

Barry McBride
Slough

An admirable self analysis and no mistake. But, for what it's worth (since Mr McBride claims he will not be reading this), good riddance! There's plenty of creative people out there who will stick with the Amiga AND have girlfriends, wives, boyfriends or husbands and be happy with themselves. Some might even have a Playstation too but since it doesn't have a keyboard (unfortunately) it hardly lends itself to DIY.

Bettinsong and dance

What was that song and dance about last month in Mat Bettinson's Points Of View column? He seems to be implying that no decent games have emerged in the last couple of years until *Gloom* and *Alien Breed 3D*. Has he been living upside down with blinkers on his eyes since 1990? What about *Cannon Fodder*? What about *Sensible Soccer*? *Fire And Ice*? *Banshee*? *Star Trek*? *Frontier*? *Chaos Engine*? The list goes on. Come on Mat ... play some real games.

Trevor Baxter
Cirencester

Now that you mention it Mat Bettinson used to live upside down, but he denies ever wearing blinkers (he's an Aussie after all). You're not the only person who thinks ALL of the above titles warrant Mr. Bettinson taking a re-look at the scene. "I hate football games, they're crap". Was his response. The real point he was trying to make though was that publishers need to keep developing good games to see the Amiga through. For each of the games you've mentioned there were another five pieces of junk. Write to your favourite publishers now and get them moving.

I think not ...

Do Amiga Technologies really think they can sell the Amiga for £400? I want an upgrade but this is a bit too much. I've been with the Amiga for five years now (I have a A500 plus) and I think that they are asking too much for the machine, even if it has AGA graphics and all that. I want to stick with my Amiga but all the new applications are very expensive and require lots of memory and better graphics. I'm not satisfied with having to stick with my A500 but it looks as though I'll have to.

Mr. M D Harvey
Wakefield

If you have to stick with your A500 so be it. It's a good machine but you can't expect commercial *enterprises to keep producing new software which will work on your machine at a low price. Despite what you might think it's just not profitable, and the A500 is pretty primitive in terms of capability by today's standards. We are all Amiga fans and the A500 is dear to us. We would never put it down, but you have to be realistic. As for AT's £399 price point, yes it should be lower in our opinion too, but maybe they can't afford to sell it any cheaper. They are not the NHS. Nothing is free or subsidised and the Amiga has to prove itself a viable and profitable proposition if it is to survive.*

Amiga emulator

I don't own an Amiga and don't have any plans to because I have a Macintosh SE30. Recently, I was at a friends house and he showed me Macintosh software working on his Amiga 4000. I'm told this was done with a public domain emulator called ShapeShifter. Since it is possible to emulate a Macintosh on an Amiga, I deduce that the reverse must also be possible. I'd like to run some Amiga software and use it's multitasking and the much wider variety of games like *Sensible Soccer* available to Amiga users. Where can I get an Amiga emulator that will work on my SE30? How much would it cost?

A Mac User
Birmingham

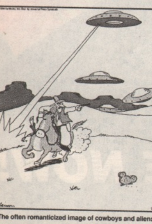
£399. Sorry, you'll have to buy a real Amiga, the MAC is just not as flexible as everyone says.

E-Mail boo-boo

I saw the details for your Internet E-Mail mailing-list published in the October CU Amiga. However, it did not seem possible to subscribe to any other E-Mail address except the one I send the E-Mail from. I'd like to be able to subscribe a different mail-box to the lists so the mail doesn't clog up my own mail-box. I'd really like to be able to participate in this mailing list so is it possible to subscribe another address and if so, how do I do it?

E-Mail enquiry

THE FAR SIDE By GARY LARSON



The often romanticized image of cowboys and aliens

It is indeed possible to subscribe another mail-box to the Internal E-Mail mailing list other than the one you normally use. We accidentally left this out of the details. The correct format to include in the body text of your E-Mail is thus:

```
subscribe cu-announce <E-Mail address>
subscribe cu-amiga <E-Mail address>
```

E-Mailed to `emailurl@cu-amiga.demon.co.uk.`

New to comms

I am very new to comms and very new to internet E-Mail. If this message gets to you I shall be chuffed. I use an E-Mail system on the PC network at work. It's based on *Wordperfect* and is very easy to use. However, I find internet E-Mail exreeeeemly foggy! My biggest gripe is to surf the super'hype'way you have to have the following: 2Mb of RAM which is permanently swallowed up by Amitcp, whether ya want it or not! You also need a hard drive as none of the progs will even fit onto floppys! My latest version of *Amosaic2* doesn't make enough temporary disk space and crashes a lot. it also looks for volume 'cjarvis/' (which is my surname!!!) when all I want to do is view GIFs! I am following the tutorial but as usual the authors never seem to have these problems. Would someone please write an 'all in' self-contained Internet/mail package!

Chris Jarvis
Via E-Mail

Subs complaint

Having subscribed to CU Amiga for two years while I was recently renewing my subscription I discovered that when a subscription is renewed there is no entry on your subs form for a free gift etc. Is this an oversight on the part of your subscription department or do you feel that any person that renews a subscription to CU doesn't deserve a gift or free offer? I trust this will be rectified in future and resubscriptions will also have the ability to receive an incentive to continue with your rather excellent magazine.

P.S. If you wish to send a subscription gift to me now, I'll have *Super Stardust A1200.*

Mark Dissington
Via E-Mail

Bit of a sore point this one and our marketing department have now acknowledged it. On all promotions we state that they are available for a limited period only, so, for instance, the Super Stardust one is now over. However, on your behalf and on the behalf of other subscribers we (the editorial team) are on the case and we'll see if we can get our marketing team (headed by the wonderful Fiona Malloch) to come up with a more satisfactory solution. ■

Clear The Air

Got something you want to let people know about? Then send it to us at CU Amiga Magazine, Priory Court 30-32 Farringdon Lane, London EC1R 3AU or Email us at backchat@cu-amiga.demon.co.uk.

TEAM TALK

With the re-launch of the Amiga the whole team is in party mode. But what's the strangest party they've ever been to?

ALAN DYKES

I once went to this alleged 'party' where everyone was in sleeping bags. The idea was to stay 'in bed' for as long as possible. Pizzas were ordered regularly and the only reason you could get out of your sleeping bag was to go to the door for a pizza or to the toilet to get rid of it again. I left quickly, but it went on for 48 hours.

LISA COLLINS

The strangest party I went to was this one in San Francisco. It was on a bus called the Green Tortoise which irregularly travels from New York to San Francisco. There were no seats on the bus, only cushions on the floor and it never stuck to a timetable. The whole journey was one big hippy party!

TONY HORGAN

I, like, went to this flat, right, and as soon as I got in the door I put an M&S ready meal in the microwave. Then I took off my shoes, phoned someone, got the food from the microwave and sat in front of a television for a while. Finally I composed a track on OctaMED and went to bed. Well ... I've got to rest from partying some time.

MAT BETTINSON

Back in Darwin, a couple of days before Christmas one year, I got a bit sauced up and disorderly (I am ashamed to say) and ended up in a police cell. There were lots of other 'revellers' in there too and every time I tried to sleep a new one would come in with some booze and the party would start again. We all had 'Jail Party' t-shirts printed next day!

HELEN DANBY

Back in my Goth days I once gate-crashed this friend of a friend's party where everyone was dressed as an alien. Everything went well enough (which presumably means, for a Goth, that Helen sat in the corner and sulked all evening until The Cure were played) until some guy came up to me and asked what planet I was from. Imagine!

JOHN KENNEDY

I am a big Van Morrison fan and once I went to a fancy dress party where everyone had to pretend to be either Van Morrison or a character from his songs. All the girls had variations on the 'brown eyed' theme (one of his songs) and all the blokes were bad tempered and nearly bald.

SEGA SATURN ● SONY PLAYSTATION ● PC ● NEO GEO CD ● ARCADE ● 3DO
MAXIMUM
THE VIDEO GAME MAGAZINE ISSUE 1 £3.50
THE FIRST ISSUE
ON SALE NOW!
TEKKEN 2 ● SEGA RALLY ● KING OF FIGHTERS '95 ● STREET FIGHTER ALPHA

Premier Mail Order

Please Send Cheques/PO's (made out to Premier Mail Order) or Access/Visa/(Switch + Issue No) & Expiry Date to:
Dept: CU11 9-10 THE CAPRICORN CENTRE, CRANES FARM ROAD, BASILDON, ESSEX SS14 3JJ.
Telephone orders: 01268-271172 Fax your order on: 01268-271173 Mon-Fri 9am-7pm Sat&Sun 10am-4pm. We are open 364 days a year
P&P and VAT included for all UK orders. Please add per item £2 P&P for Europe and £3.50 for the rest of the world. Next day service available UK only At £4.00 per item.
Please note: Some titles may not be released at the time of going to press. Most titles are despatched same day, but can take up to 28 days. E&OE

	500	1200	CD
1 Day Cricket	16.99	—	—
4th & Inches	8.99	—	—
688 Sub Attack	10.99	—	—
A10 Tank Killer	12.99	—	—
A320 Approach Trainer	26.99	—	—
ACID BLITZ COMPILER	29.99	—	—
Addams Family	8.99	—	—
Adventures of Robin Hood	12.99	—	—
Air Bucks 1.2	12.99	12.99	—
Akira	18.99	—	19.99
Afterburner	6.99	—	—
Aladdin	—	19.99	—
Alien Breed 3D	—	19.99	19.99
Alien Olympics	19.99	—	19.99
All Terrain Racer	17.99	19.99	19.99
Altered Beast	6.99	—	—
Amazon Queen	19.99	—	—
Andre Agassi Tennis	19.99	19.99	19.99
Another World	12.99	—	—
Apidya	8.99	—	—
Arabian Knights	8.99	9.99	12.99
Arcade Pool	8.99	—	12.99
Archer Macleans Pool	10.99	—	—
Award Winners 2	19.99	—	—
B 17 Flying Fortress	12.99	—	—
Baldie	19.99	19.99	19.99
Banshee	19.99	—	19.99
Base Jumpers	17.99	—	13.99
Battlechess	—	—	19.99
Battle Isle '93	17.99	—	—
Battlehawks 1942	12.99	—	—
BEAU JOLLY COMPILATION	22.99	—	—
Behind The Iron Gate	16.99	—	—
Beneath A Steel Sky	20.99	—	19.99
Benefactor	17.99	—	17.99
Big Sea	19.99	—	—
Birds of Prey	12.99	—	—
Black Crypt	10.99	—	—
Blastor	17.99	—	—
Bloodnet A500+	19.99	26.99	—
Blitz Tennis	19.99	—	—
Blitzlight	29.99	—	—
Blue Angels	8.99	—	—
Body Blows Galactic	—	19.99	—
Bravo Romeo Delta	8.99	—	—
Breach 3	22.99	—	—
Brian The Lion	19.99	17.99	17.99
Brutal Paws of Fury	19.99	19.99	19.99
Brutal Football	—	13.99	19.99
Bubba n Stix & Premier	—	—	13.99
Bubble Bobble	6.99	—	—
Bubble & Squeak	17.99	19.99	19.99
Budokan	10.99	—	—
Bureau 13	—	19.99	—
Burning Rubber	16.99	17.99	—
BURNTIME	17.99	17.99	—
Campaign 2	12.99	—	—
Cabal	6.99	—	—
Cadaver/Pay Off	12.99	—	—
Cannon Fodder 2	19.99	—	—
CANNON FODDER	12.99	—	19.99
Cardiaxx	8.99	—	—
Carrier Command	4.99	—	—
Castle Master	6.99	—	—
Caesar Deluxe	12.99	—	—
Champions of Sport	13.99	—	—
CHAMPIONSHIP MANAGER 2	19.99	—	—
Champ Manager End Of Season	11.99	—	—
Championship Manager Italia 95	16.99	—	—
Championship Manager Compendium	17.99	—	—
Chuck Rock 1 & 2	—	—	13.99
Civilisation	—	17.99	—
Classic Board Games	8.99	—	—
CLASSIC COLL - DELPHINE	16.99	—	—
CLASSIC COLL - LUCAS ARTS	19.99	—	—
Club Football	19.99	19.99	—
COALA	—	19.99	—
COHORT 2	19.99	—	—
Colonels Bequest	10.99	—	—
COLONISATION	22.99	—	—
Combat Classics 1	19.99	—	—
Combat Classics 2	19.99	—	—
Combat Classics 3	22.99	—	—
Complete Chess	22.99	—	—
Core A1200 Bundle - *Skeleton Krew, Banshee, Heimdall 2*	—	19.99	—
Core CD32 Bundle 1 - *Banshee,Heimdall 2, Universe, Skeleton Krew*	—	—	22.99
Core CD32 Bundle 2 - *Bubba n Stix, Premier, Chuck Rock 1+2*	—	—	16.99
Cosmic Spacehead	17.99	—	—
Covergirl Poker	12.99	—	—
Craft for AMOS	17.99	—	—
Crash Dummies	17.99	—	—
Cruise For A Corpse	12.99	—	—
Curse of Enchantia	12.99	—	—
Cybercon 3	10.99	—	—
Cyberspace	22.99	—	—
Cyberworlds	12.99	—	—
D Generation	12.99	—	17.99
D Thompson's Olympic Chall	6.99	—	—
Dark Seed	12.99	—	19.99
Dawn Patrol	22.99	22.99	—
Deluxe Paint V	59.99	—	—
Detroit	22.99	22.99	—
Demomaniac	17.99	—	—
Desert Strike	12.99	—	—
Disposable Hero	7.99	—	12.99
Dizzy the Big 6	—	—	12.99
Dogfight	12.99	—	—
Dragon Ninja	6.99	—	—
Dragonstone	19.99	19.99	22.99
Dreamweb	22.99	22.99	—
DUNE 1 OR 2	12.99	—	—
Dungeon Master 2	—	22.99	—
Elfmania	17.99	—	—
Elite +	12.99	—	—
Elite 2 - Frontier	19.99	—	19.99
ELITE 3 - 1ST ENCOUNTERS	—	19.99	19.99
Embryo	17.99	—	17.99
Emerald Mines	—	—	12.99
Empire Soccer '94	19.99	—	—
Epic	12.99	—	—
European Champions	10.99	—	—
Evasive Action	19.99	—	19.99
Excellent Games Compilation	22.99	—	—
Exterminator	17.99	—	—
Extractors	—	—	19.99
Eye Of The Beholder 1 or 2	12.99	—	—
FORMULA ONE GRAND PRIX	12.99	—	—
F1 WORLD CHAMP EDITION A500+	19.99	—	—
F15 Strike Eagle 2	12.99	—	—
F17 Challenge	10.99	—	—
F19 Stealth Fighter	11.99	—	—
F117A Stealthfighter	12.99	—	—
F29	10.99	—	—
Fantasy Manager	19.99	—	—
FEARS	—	19.99	19.99
Fields Of Glory	12.99	12.99	22.99
FIFA SOCCER	19.99	—	—
Final Over	10.99	—	12.99
Fire Force	—	—	19.99
Flashback	12.99	—	—
F Sim 2 Japan Scenery	13.99	—	—
F Sim 2 Hawaiian Scenery	13.99	—	—
Flink	—	—	17.99
Football Glory	17.99	17.99	—
FOOTBALL GLORY INDOORS	17.99	17.99	—
Future Wars	10.99	—	—
Gamer Gold Collection	—	—	19.99
Global Effect	—	—	8.99
Globdule	10.99	—	—
GLOOM	—	19.99	19.99
G Gooch-Second Innings	11.99	—	—
G Gooch-Test Match Special	19.99	—	—
G GOOCH-WORLD CLASS CRICKET	9.99	—	—
G Gooch - 94/95 Data Disk	4.99	—	—
G Gooch - Battle for the Ashes	4.99	—	—
G Taylors Soccer Challenge	8.99	—	—
GROLIERS ENCYCLOPEDIA	—	—	22.99
Grand Prix Circuit	8.99	—	—
Guardian	—	9.99	9.99
GUINESS DISC OF RECORDS	—	—	16.99
Gunboat	10.99	—	—
Gunship	10.99	—	—
GUNSHIP 2000	12.99	24.99	22.99
Hanna Barbera Animation	29.99	—	—
Hardball	8.99	—	—
Hard Drivin II	8.99	—	—
Hard Nova	8.99	—	—
Head over Heels	6.99	—	—
Heart of China	12.99	—	—
Heimdall	8.99	—	—
Heimdall 2	22.99	22.99	22.99
HIGH SEAS TRADER	—	22.99	—
History Line 1914-18	22.99	—	—
Hook	8.99	—	—
Hoyles Book of Games 1 or 2 or 3	10.99	—	—
Hudson Hawk	6.99	—	—
Humans 1& 2	—	—	19.99
Immortal	10.99	—	—
Impossible Mission 2025	22.99	24.99	22.99
Indy Jones - Atlantis Adv	12.99	—	—
Indianapolis 500	10.99	—	—
Insight Dinosaurs	—	—	14.99
Intelligent Strategy Games	19.99	—	—
Ishar 3	22.99	26.99	—
Ishar Trilogy	16.99	—	—
ITS Cricket	18.99	—	—
Ivanhoe	6.99	—	—
James Pond 3	—	—	8.99
J Nicklaus Greatest 18	6.99	—	—
Jaguar XJ220	8.99	—	—
Jetstrike	17.99	19.99	19.99
Jimmy White's Snooker	12.99	—	—
John Madden Football	10.99	—	—
Jungle Strike	17.99	17.99	17.99
KGB	12.99	—	—
Kick Off 3 European Challenge	16.99	19.99	—
Kid Chaos	17.99	19.99	19.99
Kingpin	10.99	12.99	12.99
Kings Quest 1, 2, 3, 4 or 5	12.99	—	—
Kings Quest 6	22.99	—	—
Knights Of The Sky	10.99	—	—
Last Ninja 2	6.99	—	—
Leading Lap	19.99	19.99	—
Legacy of Sorasil	7.99	—	—
Legends of Valour	12.99	—	—
Leisure Suit Larry 1 or 2 or 3	12.99	—	—
Lemmings 1	—	—	19.99
Lemmings 3	19.99	19.99	—
Lethal Weapon	8.99	—	—
Links -The Challenge	12.99	—	—
Lion King	—	19.99	—
Lombard RAC Rally	6.99	—	—
Loom	12.99	—	—
Lords of the Realm	22.99	22.99	—
LOST EDEN	—	—	22.99
Lotus Trilogy	—	—	9.99
Lure Of The Temptress	12.99	—	—
M1 Tank Platoon	12.99	—	—
Manhunter "New York"	12.99	—	—
Manhunter "San Francisco"	12.99	—	—
Man Utd - The Double	19.99	—	—
Marvens Marvellous Adv	—	19.99	19.99
Master Axe	19.99	19.99	19.99
Match Day Manager	8.99	—	—
Mean 18	8.99	—	—
MEGARACE	—	—	22.99
Megatraveller 1 or 2	12.99	—	—
Messengers Of Doom	19.99	—	—
MICROPROSE GOLF	12.99	—	—
Micro Machines	17.99	—	—
Midwinter	10.99	—	—
Midwinter 2	12.99	—	—
MIG 29 Fulcrum	10.99	—	—
Mighty Max	17.99	19.99	—
Military Masterpieces	19.99	—	—
Mini Office	35.99	—	—
MONKEY ISLAND 1 OR 2	12.99	—	—
Moonbase	34.99	—	—
Morph	17.99	19.99	8.99
Mortal Kombat 1 or 2	19.99	—	—
Mr. Blobby	13.99	—	13.99
Mr. Nutz	17.99	—	—
Mutant League Hockey	17.99	17.99	—
Napoleonics	12.99	—	—
Navy Moves	6.99	—	—
New Zealand Story	6.99	—	—
NHL Hockey 95	27.99	—	27.99
Nigel Mansells W/Champ	8.99	—	19.99
Nightbreed	6.99	—	—
Night Shift	10.99	—	—
Odyssey	17.99	—	—
ON THE BALL-WORLD CUP EDITION	9.99	9.99	—
On The Ball-League Edition	19.99	22.99	—
Operation Harrier	8.99	—	—
Operation Stealth	11.99	—	—
Oriental Games	8.99	—	—
Outrun Europa	8.99	—	—
Overdrive	8.99	—	—
OVERLORD	22.99	—	—
Pang	6.99	—	—
Patrician	12.99	—	—
Parasol Stars	8.99	—	—
PEN PAL(WORDPROCESSOR)	24.99	—	—
PGA European Tour	17.99	17.99	17.99
PGA Tour Golf	12.99	—	—
Pictionary	6.99	—	—
Pinball Dreams & Fantasies	22.99	—	—
Pinball Fantasies	—	19.99	24.99
Pinball Illusions	—	19.99	19.99
PINBALL MANIA	—	19.99	—
Pinball Magic	6.99	—	—
Pirates	10.99	—	—
Pirates Gold	—	—	22.99
Pinkie	17.99	17.99	19.99
Pitfighter	6.99	—	—
PLAYER MANAGER 2	13.99	—	—
Pole Position	19.99	19.99	—
Police Quest 1 or 2 or 3	12.99	—	—
Populous & Promised Lands	12.99	—	—
Populous 2	12.99	—	—
Powerdrive	19.99	19.99	19.99
Powerhouse	22.99	22.99	—
Powermonger & D/Disk	12.99	—	—
Predator	6.99	—	—
Premiere	—	—	12.99
PREMIER MANAGER 3	12.99	17.99	—
Prem Man Multi Edit Sys	10.99	—	—
PRIMAL RAGE	19.99	—	—
Prime Mover	10.99	—	—
Prince Of Persia	6.99	—	—
Project X	10.99	—	—
Pro Tennis Tour	6.99	—	—
Pushover	8.99	—	—
Pussies Galore	—	16.99	16.99
Putty	8.99	—	—
Putty Squad	—	19.99	19.99
Puzznic	6.99	—	—
Qwak	9.99	—	—
Quest For Glory 1 or 2	12.99	—	—
Railroad Tycoon	12.99	—	—
Rainbow Islands	6.99	—	—
Rambo 3	6.99	—	—
RBI Baseball 2	6.99	—	—
Reach For The Skies	12.99	—	—
Realms	10.99	—	—
RED BARON	12.99	—	—
Red Heat	6.99	—	—
Rise Of The Robots	9.99	27.99	22.99
Risky Woods	10.99	—	—
Roadkill	—	9.99	9.99
Road Rash	10.99	—	—
Robocop 2	6.99	—	—
Robocop 3	10.99	—	—
Robinson's Requiem (A500+)	22.99	22.99	22.99
Rome AD92	12.99	—	—
Rugby League Coach	19.99	—	—
Rules Of Engagement 2	22.99	—	—
Ruff n Tumble	17.99	—	—
Ruffian	13.99	—	—
Run the Gauntlet	6.99	—	—
Sabre Team (Enhanced)	—	20.99	20.99
SCI (Chase HQ 2)	6.99	—	—
SENSIBLE GOLF	19.99	—	—
SENSIBLE WORLD OF SOCCER	19.99	—	—
Sensible Soccer International	13.99	—	—
Settlers	19.99	—	—
Shadow Warriors	6.99	—	—
Shadowlands	8.99	—	—
Shaq Fu	17.99	—	—
Shuttle - S/Flight Sim	12.99	—	—
Sierra Soccer	16.99	—	—
Silent Service 2	12.99	—	—
Sim City 2000	—	26.99	—
Sim Classics (Ant/Life/City)	22.99	—	—
Sim Life	10.99	22.99	—
SIMON THE SORCEROR 2	22.99	26.99	26.99
Simpsons	8.99	—	—
Sink or Swim	8.99	8.99	—
Skeleton Krew	—	22.99	22.99
Skidmarks	12.99	—	—
SKIDMARKS UPGRADE	12.99	—	—
SKIDMARKS 2	19.99	—	19.99
Skitchin	17.99	17.99	17.99
Sleepwalker	8.99	8.99	19.99
Sly Spy	6.99	—	—
Soccer Kid	9.99	9.99	19.99
Soccer Team Manager	10.99	—	—
Space Academy	19.99	—	17.99
Space Quest 1 or 2 or 3 or 4	12.99	—	—
Speedball 2	8.99	—	12.99
Speris Legacy	19.99	—	19.99
Spherical Worlds	17.99	—	17.99
Sports Challenge	12.99	—	—
Stardust Special Edition	9.99	—	—
Star Crusader	19.99	19.99	—
Starlord	24.99	—	—
Street Fighter 2	12.99	—	—
Strike Fleet	10.99	—	—
STRIP POT	—	—	19.99
Stun Runner	6.99	—	—
Stunt Car Racer	6.99	—	—
Subversion	8.99	—	—
SUBWAR 2050	—	12.99	22.99
Super Hang On	6.99	—	—
Super Space Invaders	8.99	—	—
Super League Manager	19.99	19.99	19.99
Super Loopz	—	9.99	9.99
Super Methane Brothers	8.99	—	8.99
Super Stardust	—	19.99	19.99
Super Streetfighter 2	20.99	20.99	20.99
Superfrog	—	—	12.99
Superskidmarks	19.99	—	19.99
Supremacy	10.99	—	—
Syndicate	12.99	—	22.99
Tactical Manager	19.99	—	—
TACTICAL MANAGER 2	19.99	—	—
Team Yankee	12.99	—	—
Test Drive 2	6.99	—	—
Test Match Cricket	9.99	—	—
Terminator 2	6.99	—	—
Tetris	16.99	—	—
T.F.X.	—	26.99	—
The Big 6 - Dizzy	—	—	12.99
The Clue	—	19.99	19.99
The Games	10.99	—	—
The Greatest - Compilation	21.99	—	—
The Publisher	22.99	—	—
Their Finest Hour	12.99	—	—
Their Finest Missions	9.99	—	—
THEME PARK	22.99	22.99	22.99
Tiny Troops	22.99	—	19.99
Toki	8.99	—	—
Top Gear 2	17.99	17.99	19.99
Total Recall	6.99	—	—
Tower Assault	13.99	13.99	19.99
Tower of Souls	19.99	19.99	—
Traps & Treasures	17.99	—	17.99
Trivial Pursuit	6.99	—	—
Trivial Pursuit Deluxe	—	—	19.99
Turbo Trax	19.99	—	—
Turning Points	12.99	—	—
U.F.O.	12.99	12.99	22.99
Ultimate Body Blows	—	—	19.99
Ultimate Golf	8.99	—	—
Ultimate Soccer Manager	19.99	19.99	—
Uncovered	17.99	—	—
Universe	22.99	—	22.99
Untouchables	6.99	—	—
Virocop	17.99	17.99	—
VIRTUAL KARTING	19.99	—	—
Vital Light	19.99	—	19.99
Wheel Spin	—	—	19.99
Wild Cup Soccer	17.99	17.99	8.99
Wing Commander	12.99	—	—
Winter Gold	12.99	—	—
Wizkid	10.99	—	—
World Class Leaderboard	10.99	—	—
World Cup Golf	—	—	29.99
World Cup USA '94	17.99	—	—
WORLD CUP YEAR '94	19.99	—	—
World of Football	19.99	—	—
World of Golf	17.99	—	—
Worlds at War	6.99	—	—
Worlds of Legend	12.99	—	—
WORLD CUP GOLF	—	—	19.99
Worms	17.99	—	19.99
Wreckers	19.99	—	—
WWF 1 or 2	8.99	—	—
X-IT - Zonked	19.99	—	—
Zak McKraken	10.99	—	—
Zee Wolf	19.99	—	—

SPECIAL OFFERS

	500	1200	CD
Alfred Chicken	—	—	12.99
BattleToads	—	—	12.99
Beavers	—	—	12.99
Body Blows	12.99	12.99	—
Chaos Engine	9.99	—	12.99
Clockwiser	—	—	12.99
Cool World	8.99	—	—
Dennis	—	—	12.99
Disposable Hero	7.99	—	—
Fly Harder	—	—	12.99
Garden Fax - Fruits + Veg	—	—	12.99
Garden Fax - Garden Plants	—	—	12.99
Garden Fax - Indoor Plants	—	—	12.99
Garden Fax - Trees + Shrubs	—	—	12.99
Humans 1+2	—	—	12.99
Jack Nicklaus Unlimited	12.99	—	—
J Nicklaus Designer Clip Art	7.99	—	—
James Pond 2 RoboCod	—	—	12.99
K240	7.99	—	—
Last Ninja 3	—	—	9.99
Legacy of Sorasil	7.99	—	—
Mean Arenas	—	—	12.99
MICROPROSE GOLF	12.99	—	—
Myth	—	—	12.99
Naughty Ones	—	—	12.99
Out To Lunch	—	—	12.99
Powergames	—	—	12.99
Sabre Team	—	—	12.99
Sensible Soccer 92/93	12.99	—	12.99
Sensible Soccer International	—	—	12.99
Shadowfighter	9.99	9.99	9.99
SIMON THE SORCEROR 1	12.99	12.99	12.99
Syndicate	12.99	—	22.99
Tornado	9.99	9.99	—
Total Carnage	—	—	12.99
WEMBLEY INTERNATIONAL SOCCER	—	7.99	7.99
Wembley Rugby League	7.99	—	—
World Class Rugby 95	9.99	—	—
Zool	8.99	—	8.99
Zool 2	8.99	—	8.99

EDUCATIONAL

	500	1200	CD
10/10 Dinosaurs (All Ages)	18.99	—	—
10/10 Driving Test (Learners)	18.99	—	—
10/10 Early Essentials (3-7)	18.99	—	—
10/10 English (6-16)	18.99	—	—
10/10 Essential Maths (5-12)	18.99	—	—
10/10 German (8-16)	18.99	—	—
10/10 French (8-16)	18.99	—	—
10/10 Junior Essentials (5-11)	18.99	—	—
10/10 Maths Algebra (6-16)	18.99	—	—
10/10 Maths Numbers (6-16)	18.99	—	—
10/10 Maths Statistics (6-16)	18.99	—	—
10/10 Structured Spelling (-9)	18.99	—	—
ADI GCSE Maths/English/French	22.99	—	—
ADI Junior Counting (4-5) or (6-7)	13.99	—	—
ADI Junior Reading (4-5) or (6-7)	13.99	—	—
Better Spelling (8-10)	13.99	—	—
Better Maths (12-16)	13.99	—	—
Cave Maze (8-12)	10.99	—	—
Count and Add (3-5	8.99	—	—
Fraction Goblins (8-13)	10.99	—	—
F School 2 (-6) or (6-8) or (8+)	6.99	—	—
F School Maths (7-11)	17.99	—	—
F School Paint & Create (5+)	17.99	—	—
F School Spelling Fair (7-13)	17.99	—	—
Groliers Encyclopedia	—	—	22.99
Insight Dinosaurs	—	—	14.99
Junior Typist (5-10)	10.99	—	—
Kid Pix	10.99	—	—
Magic Maths (4-5)	13.99	—	—
Maths Dragons (6-13)	10.99	—	—
Maths Mania (8-12)	13.99	—	—
Mix and Match (3-5)	8.99	—	—
Noddy's Playtime or Big Adv (3+)	16.99	—	—
Picture Fractions (7-10)	10.99	—	—
Reasoning With Trolls (5-12)	10.99	—	—
Tidy The House (6-10)	10.99	—	—

JUNIOR ADVENTURES

	500	1200	CD
Robin Hood (8+)	13.99	—	—
Scrooge - Xmas Carol (8+)	13.99	—	—
Spellbound (7-16)	8.99	—	—
The Three Bears (5-10)	13.99	—	—
Wind In The Willows (6+)	13.99	—	—
Wizard Of Oz	13.99	—	—

JOYSTICKS & ACCESSORIES

AAR = ANALOG ADAPTER REQUIRED

100 Capacity 3.5" Disk Box	7.99
4 Player Joystick Adapter	4.99
Analog Joystick Adaptor	4.99
Automatic Joystick/Mouse Splitter	14.99
CH FLIGHTSTICK (ANALOG) (AAR)	29.99
Cheetah 125+	7.99
Cheetah Bug	11.99
Competition Pro Joypad for CD32	13.99
Freewheel Steering Wheel	24.99
Gravis Adv Switch Joystick	22.99
Gravis Analog Joystick (AAR)	29.99
GRAVIS ANALOG PRO JOYSTICK (AAR)	54.99
Gravis Gamepad	15.99
Mouse	10.99
Mousehouse	1.99
Mousemat	1.99
Joystick/Mouse Extension Cable	6.99
Joystick Y Splitter	4.99
Logic 3 Delta Ray Autofire JY156	10.99
Logic 3 Quatro GT Autofire JT155	10.99
Logic 3 Quatro JT154	8.99
Quickjoy Hyperpad	8.99
Quickjoy Jetfighter	11.99
Quickjoy Pedals	13.99
Quickjoy Topstar	17.99
Quickjoy II Turbo	10.99
Saitek Megagrip 2 Autofire MX220	10.99
Saitek Megagrip 7-MX732 (Analog) (AAR)	13.99
Screenbeat 3 Speakers SB203	12.99
Screenbeat 4 Speakers SB204	11.99
Screenbeat 5 Speakers SB205	11.99
Screenbeat Pro 50 Speakers SB250	32.99
Screenbeat RCA Adapter Cable	1.99
Screenbeat Power Supply	7.99
Suncom Analog Edge II (Analog) (AAR)	14.99
Suncom Flight Max (Analog) (AAR)	27.99
Suncom FX2000 (Left & Right Handed) (AAR)	17.99
Suncom Silk Stick	5.99
Suncom Tac 2	7.99
SX-1 CD32	189.99
Wico Q Stick	4.99

3.5" Blank Discs

	TDK		PRECISION		UNBRANDED	
	Low	High	Low	High	Low	High
10	5.99	6.99	3.99	5.99	3.50	4.99
20	11.50	13.50	7.50	11.50	6.50	9.50
50	27.50	32.50	17.50	27.50	16.25	22.50
100	52.50	62.50	32.50	52.50	29.99	42.50

RECYCLED DS/DD Low Density
10 @ 2.99 20 @ 5.50 50 @ 12.50 100 @ 22.50

PD & Shareware

BUSINESS

B001 A-Gene (1 meg)	1.25
B002 Business Card Maker	1.25
B003 Database Master	1.25
B004 Ami Cash	1.25
B005 Amibase Prof	1.25
B006 600 Business Letters	1.25
B007 Text Engine	1.25
B008 PC Task	1.25
B009 File-a-fax	1.25
B010 QED	1.25
B011 A-gragh	1.25
B012 Text Plus VERSION 4	1.25
B013 Analytic ALC	2.50
B014 Cheque Book Account	1.25
B015 Stock Analyst	1.25
B016 Little Office	1.25
B017 Budgets V1.34	1.25

EDUCATIONAL

E001 Education 1	1.25
E002 The Bible (4 Disks)	4.99
E003 World Databank	1.25
E004 GCSE Maths	1.25
E005 Astronomy	1.25
E006 Total Concepts	1.25
E007 Bank Talk	1.25
E008 Dunks DTP	1.25
E009 Colour The Alphabet	1.25
E010 The Highway Code	1.25
E011 Junior Maths	1.25
E012 Electronic Train Set (1 MEG)	1.25
E013 Learn & PLay 1	1.25
E014 Learn & Play 2	1.25
E015 Treasure Hunt	1.25
E016 Wraithed One	1.25
E017 Story Land 2	1.25
E018 Wotitsname	1.25
E019 Speak & Spell	1.25

CREATIVE

C001 Slide Show Creator	1.25
C002 Label Designer	1.25
C003 Super Fonts	1.25
C004 Mobed	1.25
C005 Deluxe Paint Tutor	1.25
C006 Shadow Demo Maker	1.25
C007 Clip Art	1.25
C008 ABC Adventure Creator	1.25
C009 Lllinois Labels	1.25
C010 Audio Animation Studio	1.25
C011 Word Power	1.25
C012 Font Farm	1.25
C013 Wine Maker	1.25
C014 Assassins	1.25
C015 Print Studio	1.25
C016 Garden Designer	1.25
C017 X Beat	1.25

UTILITIES

U003 The Workshop	1.25
U006 Address Book	1.25
U008 Asteroid	1.25
U010 Autograph	1.25
U013 The Right Way	1.25
U014 Panasonic Printer Driver	1.25
U015 H.P. Printer Driver	1.25
U016 Seikosha Printer Driver	1.25
U017 Cannon & Citizen Printer Driver	1.25
U018 H.P. 550c Printer Driver	1.25
U019 Imploder V4.00	1.25
U020 Bad Format	1.25
U021 Amiga Beginers Guilde	1.25
U022 Better Bench V1.2	1.25
U023 De-grader 500 600 1200	1.25
U024 Extermin-8 Virus Killer	1.25
U025 Engineers Kit (1220 only)	1.25
U027 Fake Memory for a 1200	1.25
U028 Action Replay For The 600	1.25
U029 Amiga Tutorial	1.25
U030 A.C.E.S Database	1.25
U031 Abases v1.33	1.25
U035 Text Plus v4.00	1.25
U037 Ultimate Cheats And Solutions	1.25
U038 Number Pad For 600	1.25
U039 Calorie Base	1.25
U040 J R Comm	1.25
U041 Race Raptor	1.25
U042 Pools Pools V2	1.25
U043 Training Log	1.25
U044 Mastie Niblick	1.25
U045 D-Solve	1.25
U046 Lockpic v2.0	1.25
U047 Relo Kick v1.4	1.25
U048 Procad Electroid	1.25
U049 Dividends Winner	1.25
U050 Odds On	1.25
U051 Power Copier	1.25
U052 Essential Virus Killer	1.25
U053 Soccer League	1.25

DEMO's & RAVE

D001 Night Breed	1.25
D002 Iron Maiden Slideshow	1.25
D003 Good Morning Vetnam	1.25
D004 Creep show	1.25
D005 Fracion horror show	1.25
D006 Total Recall Slideshow	1.25
D007 Evil Dead (1 meg)	1.25
D008 Batman Cartoon	1.25
D009 Robocop	1.25
D010 Viz Slideshow	1.25
D011 Not The 9 Oclock News	1.25
D012 Raider Of The Lost Ark	1.25
D013 Predator Demo	1.25
D014 Safe Sex	1.25
D015 Stealthy 2 (1 meg)	1.25
D016 Jimi Hendrix Slideshow	1.25
D017 Kim Wilde Slideshow	1.25
D018 Holsten Pils	1.25
D019 Popeye Meets The Beach Boys	1.25
D020 Star Trek Animations	1.25
D021 Moonwalker Demo	1.25
D022 Mike Tyson (1 meg)	1.25
D024 Terminator	1.25
D025 Aliens Demo	1.25
D026 Life Of Brain	1.25
D027 The Garfield Slideshow	1.25
D028 Teenage Turtles Slideshow	1.25
D029 WWF Slideshow	1.25
D030The Gathering GFX	1.25
D041 Enterprise leaving Dock	1.25
D042 Girls of Sport	1.25
D043 The Run (1 meg)	1.25
D044 Star Trek Animations	2.50
D045 Jesus On E's	1.25
D046 How To Skin A Cat	1.25
D047 Calendar Girls	1.25
D048 Rave Vision	1.25
D049 Techno Warrior	1.25
D050 Jesus Loves Acid	1.25
D051 House Samples	1.25
D052 Rave Length	1.25

MUSIC

M028 Pink Floyd The Wall Remix	1.25
M029 No Limits	2.50
M030 Cybernex	1.25
M031 Motiv-8	1.25
M032 Sound Track Slampler (4 disks)	4.99
M033 Sound Effects	1.25

GAMES

G014 Zalycon	2.50
G015 Earth Invaders	1.25
G016 Psycho Santa	1.25
G017 Mayhem	1.25
G018 The Fun House	1.25
G019 Amos Games	1.25
G020 Games Galore	1.25
G021 Quadrix (pal only)	1.25
G022 Buzzard	1.25
G023 Break Out	1.25
G024 Demolition Mission	1.25
G025 Lady Bug (not 600 or 1200)	1.25
G026 Depth Charge	1.25
G027 Addams Famly	1.25
G028 Tetren	1.25
G029 Dual	1.25
G030 Spitfire Assault	1.25
G031 Tetris Pro	1.25
G032 Relayer	1.25
G033 Bomb Jacky	1.25
G034 Top Secret	1.25
G035 Flagcatcher	1.25
G036 Wizwar	1.25
G037 Battlements	1.25
G038 Calculus Combat	1.25
G039 Blob	1.25
G040 Sector	1.25
G041 Gush	1.25
G042 Smurf Hunt	1.25
G043 Super League Manager	1.25
G044 Quiz Master & Editor	1.25
G045 Revenge Of The Mutant Camels	1.25
G046 Tank Attack	1.25
G047 White Knight	1.25
G048 Wibble World Giddy	1.25
G049 Pixie Kingdom	1.25
G050 American Star Trek	2.50
G051 Atlantis	1.25
G052 Adventure Soultions (not 1200)	2.50
G053 Legend Of Lothian	1.25
G054 Iron Clads (not 1200)	2.50
G055 Wizars Wars	1.25
G056 Fortress (demo)	1.25
G057 Neighbours Adventure	2.50
G058 Space Rescue	1.25
G059 Dungeon Dvelerr	2.50

SPORT

SP001 Top Of The League	1.25
SP002 Scottish Football Manager	1.25
SP003 18th Hole	2.50
SP004 Mr.Men Olympics	2.50
SP005 Slamball	1.25
SP006 Strikeball	1.25
SP007 Amos Cricket	1.25
SP008 Grand Prix Simulator	1.25

SIMULATIONS

SM001 5 Simulation Games (not 1200)	1.25
SM002 Return To Earth	1.25
SM003 Napoleonic Warfare Sim v5	1.25
SM004 Wheel of Fortune (not 1200)	1.25
SM005 Card Sharp	1.25
SM006 Sub Attack	1.25
SM007 Roulette	1.25
SM008 Act Of War	1.25
SM009 Micro Market	1.25

Points of view

Supply and Demand

There are thousands of CD32 owners out there just begging for some software. Yet still some publishers feel that there isn't enough demand out there to warrant a release, says Graftgold guru Andrew Braybrook.

CDs have been around for over 12 years now. Unit for unit, CDs are now the second most popular format, responsible for around 27% of the market. They are gaining on cartridge sales, and no wonder. They are cheaper, quicker to manufacture and can carry much more information.The sad thing is that most of these CD sales are for the PC, not the Amiga. A pity because adding CD audio and having no real storage limitations can produce much enhanced products.

32bit
AMIGA CD32
AMIGA CD32

Gimme Games

The Amiga has had a hard time lately but 3rd party manufacturers are still producing add-on CD drives for the A1200 and keeping them pretty much compatible with the CD32. Given that a full-blown game can take over 18 months to produce then games started before Commodore's untimely demise are still coming to fruition, and many are following guidelines to make them run OS legal. For you, the end-user, this means you should be able to get titles that can easily be installed on hard-disk or put onto CD with minimum fuss.

Indeed although Graftgold's first CD32 title took a while to sort out, being new technology for us, subsequent titles have been fairly straightforward. It took about four months to prepare an interface between *Fire & Ice* and AmigaDOS and then put in some AGA enhancements.

We also created about 50 minutes of CD audio for the game which allowed the sound-effects to occupy all four audio channels while the music was playing. This has added atmosphere to the game and reduced the effect of limiting the sound effects to one-at-a-time. Subsequently we have created CD versions of *Uridium 2* and *Virocop* complete with their own CD audio track.

No Demand?

Unfortunately we have thus far been unable to produce the two aforementioned products on CD because there is 'no demand' for Amiga CD products. Our publishers seem disinterested in the format despite the fact that the cost of producing the CDs is low and they would only have to sell in hundreds to recoup their costs. So at the moment we have no way of getting products that we have already created to the people that hopefully will want to buy them. What can we do? One option is for Graftgold to publish the games low-key by mail order. It's not really something we're geared up to do though. I thought publishers are supposed to be providing a service to developers? It's not much of a service if they say they don't want to publish certain versions that are already done.

To do it ourselves would involve us getting the manuals type-set, mastering the gold disk CD and then organising duplication. Then we would need to set up a service to take orders, bank cheques, pack CDs into envelopes and lick stamps. But another plan might be for people to bombard publishers with phone-calls and letters asking for CD versions. It really isn't that much effort to do them.

There are a lot of CD-ROM drives out there and if magazines can justify cover-mounted CDs then there must be quite a few people that want them. The Amiga is big in UK and Germany but never made much of an impression in the U.S. So, if there is anyone out there that still wants CD software, I suggest you let someone somewhere know it, and don't leave it too late. The A1200 is still a great machine and I welcome its return to the shops and hope retailers will sell it, and the software – which they were so quick to drop a year ago. That sent shockwaves back through distributors and publishers to us developers which has thus-far prevented us from beginning any new Amiga titles. We need to create a demand for software and not accept that the PC is the only way to go. It may be the last chance for the computer we love.

Andrew Braybrook

The opinions expressed in this article are not necessarily those held by CU Amiga Magazine. If you hold an opinion on this or any other related subject then email us at: CUAMIGA@cu-Amiga.demon.co.uk

POWER
CD-ROM

£249
quad-speed

£179*
dual-speed

power cd-rom

The Power CD-ROM for the Amiga 600/1200 plugs directly into the PCMCIA port and provides a direct SCSI-I and SCSI-II interface, allowing up yo six additional devices to be connected. What's more the Power CD-ROM features a 'Hot-plug' which allows you to connect and disconnect the CD-ROM and any other additional devices even when the Amiga is switched on.

The CD-ROM drive comes with a SCSI interface, PSU, manual, audio lead, mains lead and software which includes Audio CD, CD32 Emulator, MPEG Film Decoder and Photo CD.

AMIGA 600/1200

x2 SPEED CD-ROM INC.SQUIRREL	**£179**
X4 SPEED CD-ROM INC.SQUIRREL	**£249**

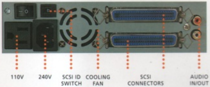
AMIGA 4000

DOUBLE SPEED CD-ROM	**£139**
QUAD SPEED CD-ROM	**£199**
AMIGA 4000 SCSI-INTERFACE	**£129**

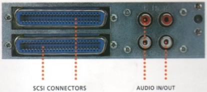
SCSI INTERFACE REQUIRED FOR A4000

AIWA CD-ROM INC. SQUIRREL £209

quad-speed



double-speed



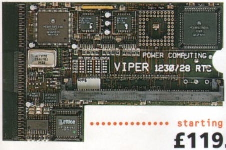
*DUAL SPEED CD-ROM CASING DIFFERS FROM ONE SHOWN

£54
80 watt

CD-ROM SOFTWARE

LIGHTWAVE 3D ENHANCER	**£55.95**
CDBOOT 1.0	**£29**
WORLD INFO'95	**£39.95**
DA CAPO VOL 1 MUSIC MODULE	**£25**
FRESHFONTS II	**£17**
GAMERS DELIGHT	**£25**
GOLDFISH 2	**£25**
LIGHT ROM	**£39**
MAGIC ILLUSIONS	**£10**
MEETING PEARLS VOL 1	**£10**
MEETING PEARLS VOL 2	**£10**
THE LIGHT WORKS	**£34**
THE BEAUTY OF CHAOS	**£12**
AMINET 5	**£12**
AMINET SET 1	**£25**
CD-WRITE	**£39**
FRESH FISH 8	**£25**
GATEWAY VOL 1	**£9.95**

POWER
VIPER



starting from
£119.95

viper 28mhz

The Viper 28 can have up to 128MB RAM installed, full Kickstart remapping, optional SCSI-II adaptor, on-board battery backed clock, 68882 co-processor, instruction and data burst modes.

VIPER 28 MKII BARE	**£119.95**
VIPER 28 MKII 2MB	**£199.95**
VIPER 28 MKII 4MB	**£259.95**
VIPER 28 MKII 8MB	**£399.95**
VIPER 28 MKII 16MB	**£569.95**

viper 50mhz

The Viper 50 can have up to 128MB RAM installed, and the same features as the Viper 28.

VIPER 50 BARE	**£199.95**
VIPER 50 2MB	**£279.95**
VIPER 50 4MB	**£349.95**
VIPER 50 8MB	**£479.95**
VIPER 50 16MB	**£649.95**

viper co-processor

FPU's complete with crystal. Please state for Blizzard compatibility.

20MHZ FPU PLCC	**£20.95**
33MHZ FPU PLCC	**£39.95**
40MHZ FPU PLCC	**£60.95**
50MHZ FPU PGA	**£89.95**
SCSI-II INTERFACE (VIPER II ONLY)	**£69.95**
4MB SIMM	**£139**
8MB SIMM	**£279**

pc1208

A1200 8MB RAM card which uses 1 x 32 SIMMs and is PCMCIA friendly.

PC1208 BARE	**£59.95**
PC1208 1MB	**£89.95**
PC1208 2MB	**£129.95**
PC1208 4MB	**£189.95**
PC1208 8MB	**£329.95**

warp engines

WARP ENGINES	**£POA**

TELEPHONE **01234 273000**
FACSIMILE **01234 352207**

POWER COMPUTING LTD
44A/B STANLEY STREET
BEDFORD MK41 7RW

.power

ALL PRICES INCLUDE VAT. SPECIFICATIONS AND PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE, ALL TRADEMARKS ARE ACKNOWLEDGED. ALL ORDERS IN WRITING OR BY TELEPHONE WILL BE ACCEPTED ONLY SUBJECT TO OUR TERMS AND CONDITIONS OF TRADE, COPIES OF WHICH ARE AVAILABLE FREE OF CHARGE ON REQUEST.

PLAYER Manager 2 EXTRA

THE CHASE FOR GLORY

ENHANCED VERSION FOR AMIGA 1200

At last a game that unleashes the power of the Amiga 1200!

Release date: 18th October

Player Manager 2 Extra - The Chase for Glory **is the Amiga 1200 version of the chart topping Player Manager 2.**

Graphically enhanced throughout, *Player Manager 2 Extra* boasts a multitude of thrilling new features, exciting options and great sound effects.

Player Manager 2 Extra **remains the only game that allows you to play for the team you manage giving action on and off the pitch.**

A choice of four playing views

Winning Features

- Tactics Designer with powerful ray trace facility
- Active transfer and loan markets
- Train players from schoolboys to multi million pound stars
- All the domestic and European cup competitions
- A choice of four playing views. Play as a team or in position
- 1-4 Players
- Thrilling match reports
- Alan Hansen predicts
- Greatest games, greatest goals, champions, disasters and scandals - READ ALL ABOUT IT.

Registered users buy this great new version for only £10.00 (includes P&P). Contact Anco for details.

Detailed Management Tools

Group Coaching

Extra Gameplay!

New for the Amiga 1200

- Real Teams - Real Players - Real Stats
- Unique skill, coach and management assessment tools to pick your best team
- Three skill levels
- Animated scoreboard style predict and after match highlights
- Challenge round. Use bonus points won to secure a management position with a big name club
- Manager and player awards. Will you be named Manager of the Month?
- Enlarged coaching section
- Endure the dreaded press conference after the big games.
- Comprehensive manager assessment throughout the year.
- Player Manager World - Up to 8 players compete to see who really has created the ultimate team.

Stunning New Graphics

Published by Anco Software Ltd, Unit 7 Millside Industrial Estate, Lawson Road, Dartford, Kent DA1 5BH Tel: 01322 292513 Fax: 01322 293422.

Screenshots are illustrative of gameplay only and may vary from format to format. Requires a joystick.

ANCO

Tutorials: Image FX ■ OctaMED ■ Personal Paint ■ Comms ■ PageStream

Special Edition:
Only £4.99 with boxed C

CU AMIGA MAGAZINE

In Yer Face!

View the world through your CD-ROM ...

Totally essential buyers guide inside!

SUPER CD ISSUE! AMINET 7 & MORE

Over 600 megabytes of applications utilities and games

Is your CD missing?
Ask your Newsagent now.

Cinema 4D
The new King of 3D rendering? p7

Mac emulation
What's it all about? p7

Final Writer 4
First review p8

GAMES Virtual Karting • Citade
Fears • Pinball Mani

An EMAP Images Publication ■ £4.

CD-ROM* edition
(*3.5 inch DD issue available)

9 771360 596007 11

Tutorials: Image FX ■ OctaMED ■ Personal Paint ■ Comms ■ PageStream

November 19
Only £4.25!

CU AMIGA MAGAZINE

In Yer Face!

View the world through CD-ROM ...

Our definitive guide to drives and disks tells you all you need to know

AudioMaster IV

WORTH £60!*

AMIGA MAGAZINE
INCLUDED WITH THE NOVEMBER'95 ISSUE OF CU AMIGA – BRITAIN'S BEST AMIGA MAGAZINE
DISK 119
• Plus: PageStream extras!

AudioMaster IV

If you want to make top quality sound samples you NEED this ... easy to use and massively powerful!

features time Stretching!!!

All Amigas with 1Mb RAM

AMIGA MAGAZINE

AMIGA MAGAZINE
INCLUDED WITH THE NOVEMBER'95 ISSUE OF CU AMIGA – BRITAIN'S BEST AMIGA MAGAZINE
DISK 120

Virtual Karting

Between 25 and 50 frames per second? Impressive realism? You've got it all in this demo!

A1200 /A4000 Only

AMIGA MAGAZINE

Cinema 4D

The new King of 3D rendering? p

Mac™ emulatio

What's it all about? p

Final Writer

First review p8

GAMES:
Virtual Karting
Fears
Citadel
Pinball Mania
Wheelspin
and more ...

3.5inch DD* issue
(CD-ROM issue available)

An EMAP Images Publication £4.2